

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

62-29 W. W. TRACY, JR.

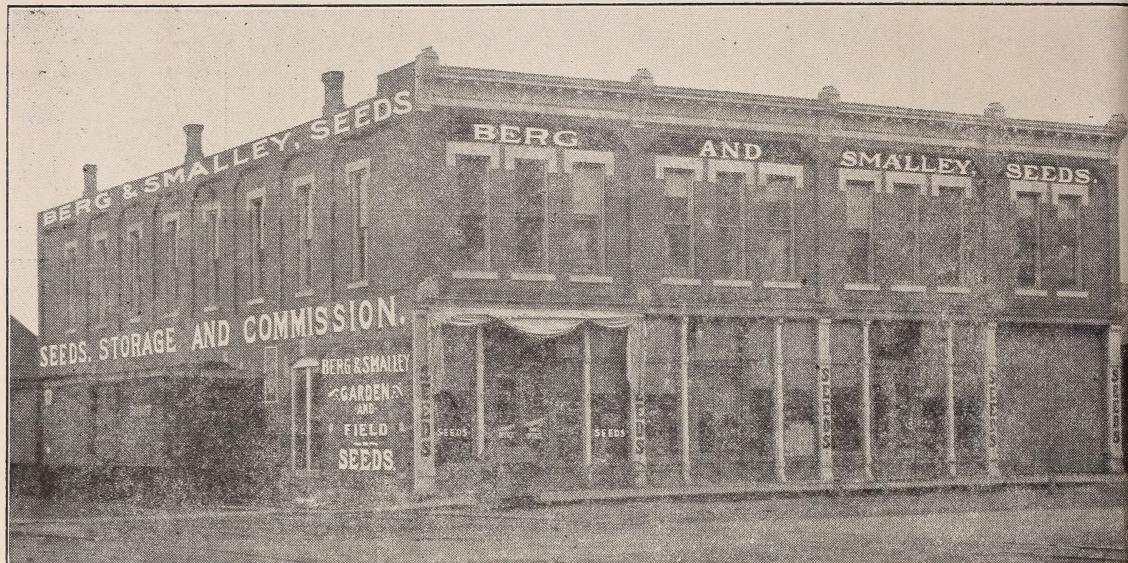
Duplicate

Garden and Field Seed Annual

1906



BERG & SMALLEY, McPherson, Kansas



BERG & SMALLEY Illustrated Catalogue And Price List.

OUR Seeds are all grown from selected stock, contracted in such sections of America and Europe as long experience has shown to be the best adapted to special varieties. We also seek the best section irrespective of cost. At no location in the world can all varieties be produced of the greatest possible perfection.

Our stocks are large and comprise everything in Garden, Field and Flower Seeds. We make a specialty of Seed Oats, Seed Corn, Cane, Millet, Speltz, Alfalfa, English and Kentucky Blue Grass, as well as all other Field and Grass Seeds. If you send your order to us, you are absolutely sure that you will get the very best.

With sincere thanks for your patronage in the past and trusting for a continuance of the same, we remain,

Sincerely yours,
BERG & SMALLEY.

Reference:

The McPHERSON BANK, of McPherson, Kansas.

The oldest Banking House in the County. Twenty years under one management. We want your business, large or small. We want your Farm or Collateral loans.

ELI P. WILLIAMS, PRES.

W. S. BUKEY, CASHIER.

ORDER SHEET == BERG & SMALLEY.

Please be particular to WRITE YOUR NAME AND ADDRESS DISTINCTLY AND IN FULL WITH EACH ORDER. We are constantly receiving orders where this is neglected, and are obliged to retain them until we hear again from the writer. Be sure and give express office, as some orders can be sent better and cheaper by prepaid express than by Mail.

ORDER EARLY, so the Orders may be filled before the Stock is broken.

No Goods sent C. O. D.
Our Terms are Cash with all Orders.

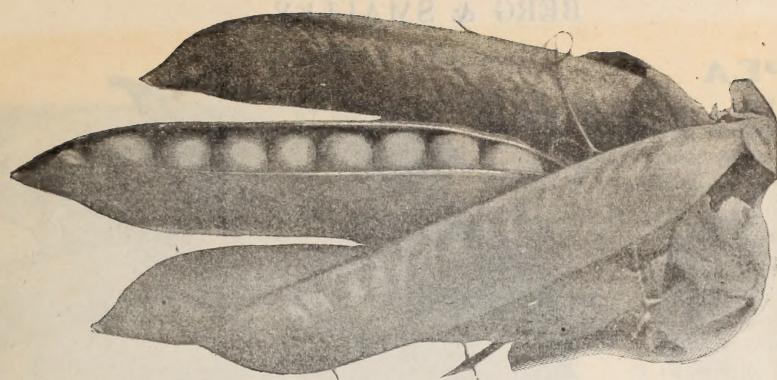
BERG & SMALLEY, McPherson, Kansas,

Please forward the following Order:

	Amount Enclosed,	Postoffice	Order, \$
Your Name	"	"	Postal Note, \$
Postoffice	"	"	Draft, \$
County	"	"	Cash, \$
State	"	"	Stamps, \$
Express Office.....	(If different from Postoffice.)	Total, -	\$

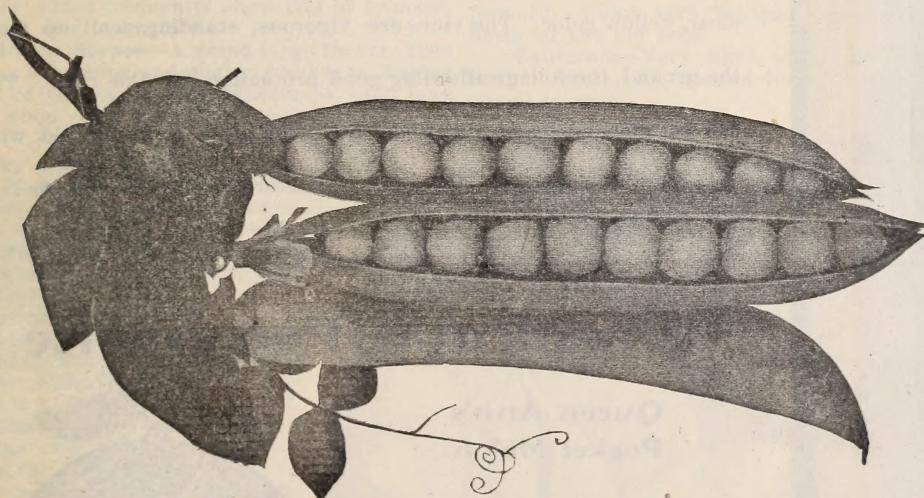
Date. 190.....

Bushels	Quarts	Pints	Lbs.	Ozs.	Pkgs	Price
						NAMES OF SEEDS OR OTHER ARTICLES WANTED.



WONDERFUL NEW PEA. CLATAWA

The Clatawa is as early as American Wonder and bears pods like the telephone. It's stocky vine and dwarf habit puts it ahead of everything thus far brought out in the class of Early Wrinkled Peas. Earliness, combined with productiveness large pods grown on short, stocky vines, is what makes the Clatawa is unique among Wrinkled Peas. Pkt., 10c.; 3 for 25c.; 1-2 pt. 30c.; pt. 50.

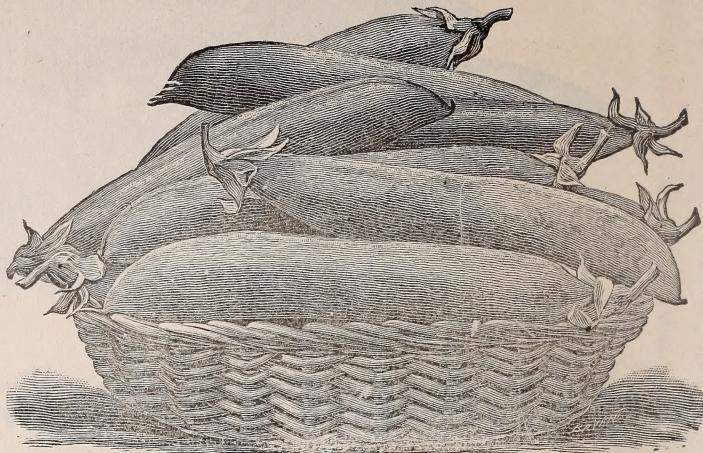
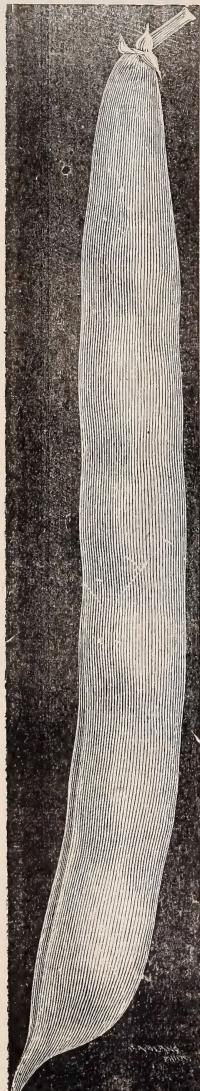


NEW PEA. POTLACTH.

It is a wonder in productiveness. This seed is green, similar to Pride of the Market, though somewhat more dented. It matures as early as Premium Gem, its vines grow from 15 to 18 inches in height with dark green foliage. The growth of the vine is sturdy and the pods are borne in pairs. Pkt. 10c.; 3 for 25c.; 1-2 pt. 30c.; pt. 50.

NEW PEA**GRADUS**

As an extra early pea, the Gradus, being a sugar pea, is superior to all smooth varieties, not only in delicious quality, but also in long pods. While the early smooth varieties contain but four or five peas to the pod. The Gradus usually contains from eight to twelve. Pkt 5c, $\frac{1}{2}$ pt 20c, pt. 30c. qt. 60c.

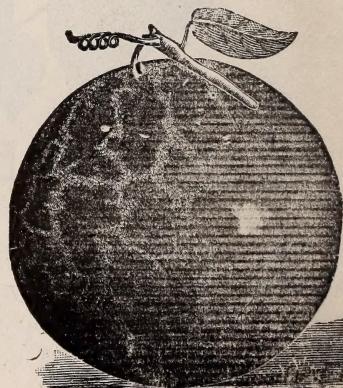
**New Bush Bean****LEOPARD WAX**

A new wax variety bearing long, straight, flat pods of handsome clear, yellow color. The vines are vigorous, standing well up from the ground, the foliage affording good protection for the pods. The eye is a purplish black, the remainder being clear white dotted with dark leopard like spots. Price pkt. 10c, 3 for 25c, $\frac{1}{2}$ pt. 25c, pt. 40c.

Ornamental Pomgranite**Queen Ann's
Pocket Melon.**

Grows on a pretty vine. Its handsome fruit is a lemon yellow striped with dark orange varying from the size of a small peach to that of an orange. Very prolific and easily grown. Pkt. 5c, 6 pkts.

25c.

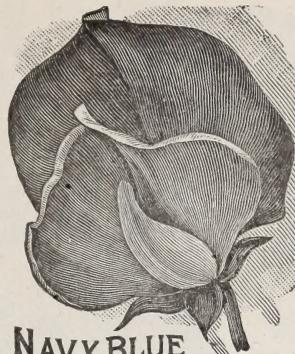


TALL SWEET PEAS

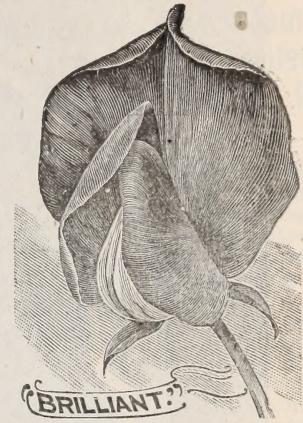
ALL THE BEST



Blanche
Burpee.



NAVY BLUE



BRILLIANT

Your Choice of all these Varieties
5 cts per packet; any seven packets for 25 cts.
10c per ounce; any four oz packages for 25c.

This rate is net and not subject to further discount. In larger quantities, except where otherwise priced, all these are 20 cts per $\frac{1}{4}$ lb
60 cts per lb postpaid. By express 50 cts per lb.

Firefly—Bright red, practically self colored, but the wings frequently show tint of crimson. Medium size, open form.

Blanch Burpee—A grand large flower; firm lasting substance and snowy whiteness, having three of the extra large flowers on each long stiff stem, and all facing one way.

Navy Blue—The large flowers are of a deep glowing violet purple, having the effect of a dark navy blue. The flowers are practically self colored and the deep, rich coloring is grandly effective.

Aurora—Flowers of extra large size, three on a stem. Both standard and wings beautifully flaked with bright orange salmon on a creamy white ground.

Salopian—One of the most brilliant and most richly colored sorts yet introduced. The flowers are of faultless form, large and a very brilliant cardinal red.

Blanch Ferry—One of the most popular varieties ever introduced. It is earlier and harder than any other. Of dwarf and compact growth; desirable for forcing; flowers are of large size and of a beautiful pink color.

Juniata—White, with stripes and dashes of delicate lavender. Large and splendidly formed.

Black Knight—Flowers of large size and fine bold form; standard a rich wine brown or dark claret; wings heavily shaded with brownish purple.

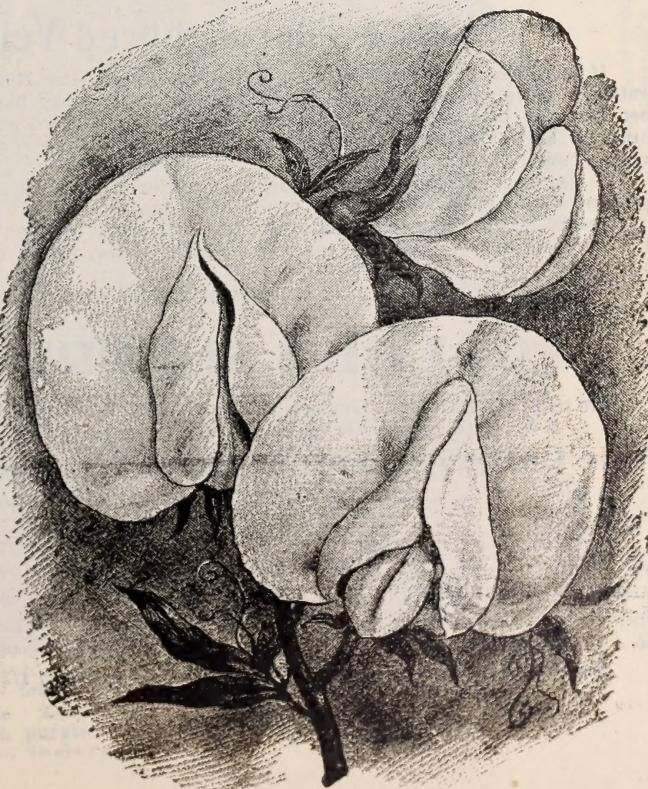
NOTE—For complete list of Sweet Peas see flower seed section.

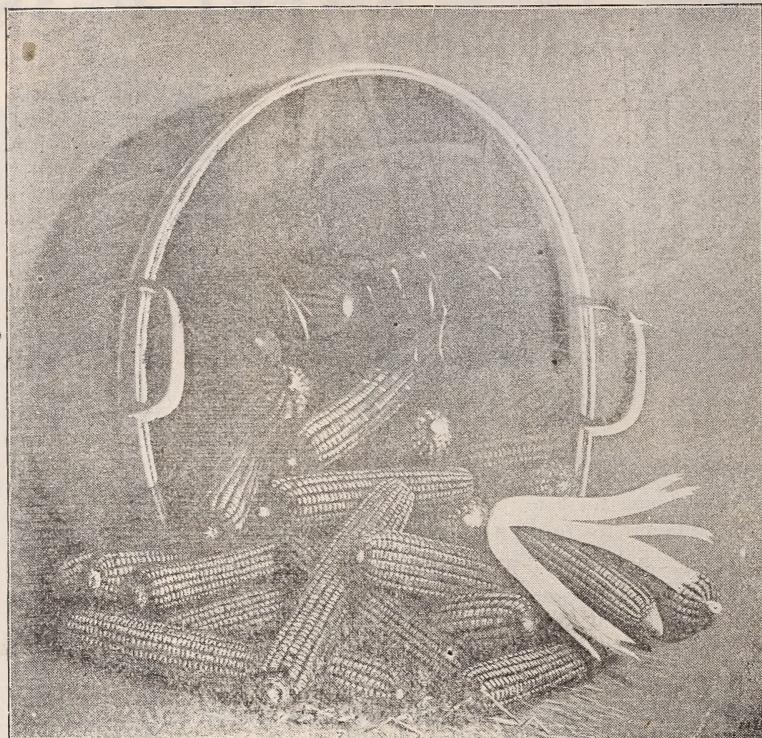
Cainty—Light magenta rose striped on white. The color turns pure magenta with age.

Countess of Aberdeen—Very light pink shading deeper pink at the edges of both standard and wings; almost a white with pink edges. Medium size, hooded form.

Brilliant—Flower of good size and substance. Standard round and inclined to curve forward. Color very brilliant rich red. The finest of the old reds.

California—Very light pink, self colored. Rather small size, hooded form. Standard inclined to curl.





KANSAS BEAUTY CORN

The largest grain-ed and handsomest yellow corn we have ever seen. The ears are of perfect form and grow to remarkable size. Well filled to the extreme tip of the cob with 10 to 14 regular rows of bright golden grain. The cobs are unusually small for so large an ear. It is ten days earlier than the Golden Beauty and will yield one-third more corn to the acre. Pkt 10c; lb 25c; post-paid. By express, $\frac{1}{4}$ bu. 30c; bu \$1.00.

Reid's Thoroughbred Yellow Dent.

If any seed grain can truly be called pedigreed, the Reid Yellow Dent corn is certainly entitled to be known as such, as its history dates away back into the early part of the past century. It originated by accidental hybridizing of two good varieties, and has since been bred up and selected to what it is at the present time—one of the best varieties of yellow corn grown.

The ear is medium in size, remarkably uniform, medium early in maturing, is of bright yellow color, with solid deep grain and small red cob. It has from eighteen to twenty-two rows of kernels on the cob, fifty to sixty grains in a row, and is well filled over the ends, especially the but, leaving a small shank, which makes it a great favorite with huskers.

Price by mail, postpaid; by express or freight at buyer's expense: Pk. 50c; $\frac{1}{2}$ bu 80c; bu. \$1.50.

GOLDEN SURPRISE CORN.

Entirely Distinct. Grows Short, Strong Stalks. Ripens in 90 Days. Ears Average Size. Deep Grained. Small Cob. A Great Feeding Corn.

The Large Amount of Corn Produced on Such Small Cobs Surprises Everyone.

The corn as a whole is indicative of its name and is indeed a surprise to everyone who sees it. We have tested this corn for several years in comparison with well known sorts, and find it fully equal in average bulk to any on the market, but in depth of grains and weight of shelled corn it has no competitor. Its habit of growth is a short, strong stalk. A new distinct Yellow Dent variety of unquestioned merit.

By freight or express at buyer's expense: 1-4 bu. 40c; 1-2 bu. 75c; 1 bu. \$1.25.

New Dwarf Stone Tomato.

Introduced by us in 1902.

Double Size of Dwarf Champion. The Largest Fruited Upright Growing Variety in Existence.

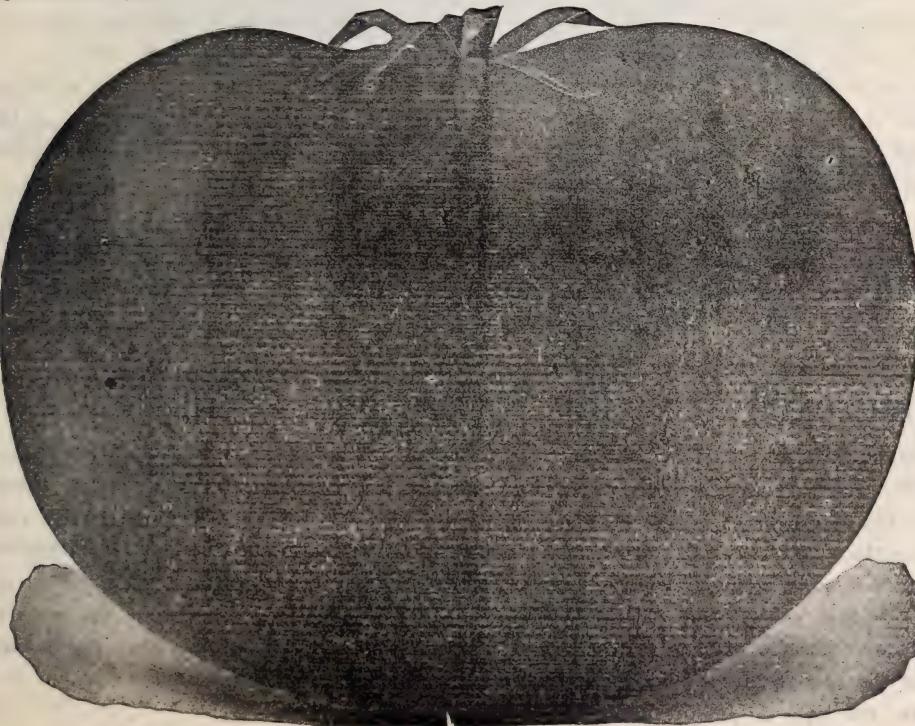
This is a splendid new variety and one that is meeting with general favor, especially with the class of growers whose garden is limited.

In habit of vine it resembles Dwarf Champion but is of stronger growth and more erect.

The strong, upright growth allows very close planting, at least a half closer each way than the distance required for the ordinary vining varieties. In small gardens the plants may be set 18x24 inches apart each way, and yet produce an

abundant crop. The shape of the fruit is perfect, with a good skin which is free from cracks about the stem end. It is very solid, ripens evenly and is of most excellent quality. The fruit resembles Livingston's Stone in its bright red color, shape, and, what is most remarkable it is almost as large.

Ponderosa Fruit ripens early and bears until very late; solid, almost seedless, of good sub-acid flavor, frequently weighing more than two pounds. A good tomato for home use. Our strain is a great improvement over the original. Pkt., 5c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.



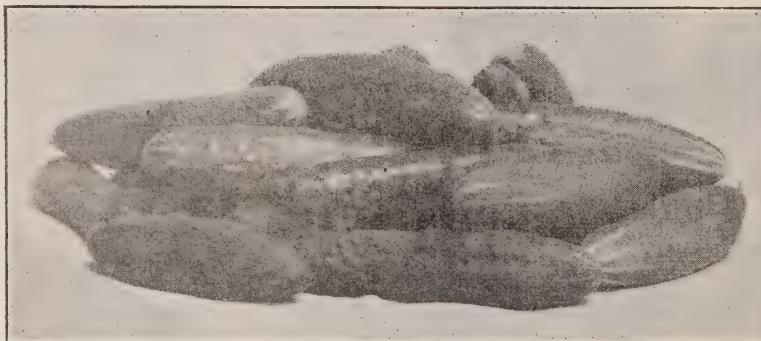
Enormous A "sport" of Livingston's Stone. Size very large; about same as Buckeye State; smooth, but apt to crack about the stem end; few seeds and of fair quality when grown on good soil. **True Stock** Pkt., 5c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., 85c; lb., \$4.00.

Sparks Earliana

On our trial grounds this variety proved to be a smooth extra early, bright red tomato of good size and flavor. Seed we offer is grown from selected stock. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$1.00.

The Davis Perfect Cucumber

Unequaled for Quality, Shape, Color and Productiveness.



THE DAVIS PERFECT
NEW CENTURY CUCUMBER

In color, a dark glossy green; shape slim and symmetrical with an average length of ten to twelve inches. They never grow pussy and hold their color until nearly ripe when they turn white without a sign of a yellow streak on them. The quality is fine as the seeds are very soft when the cucumber is fit for table use, is very tender and brittle and of exceptionally good flavor.

Another strong point of merit is its splen-

did shipping qualities. It seems to hold its color and brittleness long after being cut.

On account of its being such a strong grower, it is able to resist the cucumber disease which works destruction among the best forcing varieties.

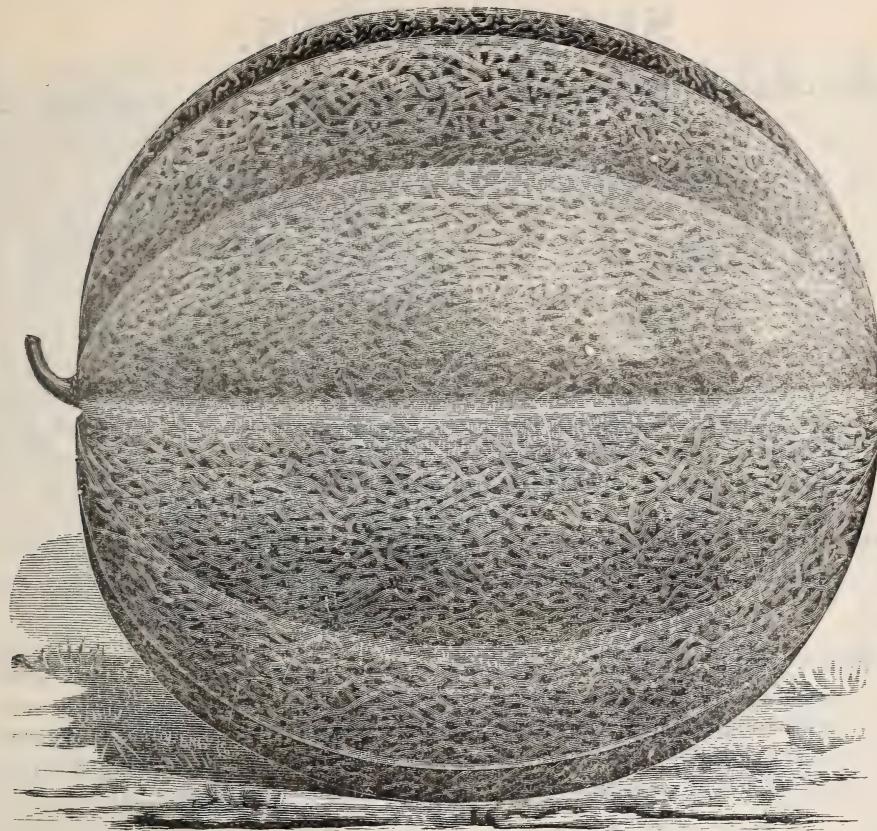
It is as early as the earliest strain of White Spine and it outyields by far anything so far known. Sold only in packets. Price 20c per pkt., 3 pkts. for 50c.

An entirely new and distinct sort. Beautiful in shape and color and of the finest quality. The fruit is long and smooth, handsome green color with very white, crisp and tender flesh. The vine is vigorous and productive. Comes into full bearing early. An excellent sort for culture under glass. Every market gardner should give it a trial. Price per pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Improved Arlington White Spine Cucumber.

Our extra selected strain of this type of Early White Spine is unsurpassed, either for forcing or the open ground. The cucumbers are very regular in outline, uniform in size, averaging seven to eight inches in length, straight and of a rich dark green color. They present a tractive appearance of the older fruits. Flesh white, crisp and solid, with comparatively few seeds; flavor excellent. Vines of vigorous growth and very productive, yielding large and of a rich dark green color. They present crops both early and throughout the season. the finest appearance in market, and of course like all of the true White Spine type, never turn yellow; the light stripes or "white spines"

running from blossom end, only add to the attractive appearance of the older fruits. Flesh white, crisp and solid, with comparatively few seeds; flavor excellent. Vines of vigorous growth and very productive, yielding large and of a rich dark green color. They present crops both early and throughout the season. the finest appearance in market, and of course like all of the true White Spine type, never turn yellow; the light stripes or "white spines"



'TIPTOP' MELON COLUMBUS MELON.

This grand melon has held its own with all new comers for the past ten years or more, and no other melon of which we have knowledge compares with it in uniform good eating qualities and should be planted by all classes of melon growers, large or small. It always pleases. The testimony of all who use Tip Top is that every melon produced, whether big or little, early or late, is a good one; sweet, juicy, finest flavor, firm but not hard flesh, and eatable to the outside coating. Its appearance on the market is very attractive, sells on sight, customers soon learn to pick them out and will have no other kind. Fruit of large size, nearly round, evenly ribbed, moderately netted and very productive. By careful and close attention have greatly increased the amount of netting and attractive appearance of this variety. Seed exceedingly scarce. Pkt. 10c.; $\frac{1}{2}$ oz. 15c.; oz. 25c.; 2 oz. 40c.; $\frac{1}{4}$ lb. 75c.

A green fleshed, general crop variety, ripening with Hackensack and a heavy yielder. Vines strong and thrifty, and melons retain their good quality for a week or more if left on the vines. Strikingly distinct in shape, color and general markings, and no melon will compare with it as a long keeper. Beautiful buff skin is covered with a very thick, whitish netting. It is almost entirely free from ribs or seams. The flesh is solid and thick, even at the blossom end, leaving only a small seed cavity; never bursts open at either end, and can be safely shipped long distances in barrels and other large packages. Its attractive appearance insures ready sales in any market, and its good table qualities create at once a lively demand from customers. Pkt. 5c.; oz. 15c.; 2 oz. 25c.; $\frac{1}{4}$ lb 40c.; lb. \$1.50.

SUGGESTIONS.

SEEDS, BULBS, AND PLANTS FREE OF POSTAGE—We will send Seeds, Bulbs and Plants by mail to any part of the United States at prices named in this Catalogue, postage paid, except in cases noted otherwise. Every package will be paid through to destination. Thus you have only to send us the Catalogue Price, and we guarantee safe delivery by mail, postage prepaid. If these seeds are to be sent by express at the buyer's expense, deduct EIGHT CENTS for a pound. EIGHT CENTS for a pint, FIFTEEN CENTS for a quart. Half pounds supplied at pound rates, half bushels at bushel rates.

HOW TO ORDER—If convenient use the order sheet and printed envelope sent with catalogue. Write plainly, keep a copy of your order, and be sure to sign your name plainly, and give Postoffice, County and State, also Express Office, if different than from postoffice. If you do not receive your seed in reasonable time, write us, telling when and what ordered, amount of money sent, etc.

PLEASE ORDER As early as possible, because our stock will be complete and what is more important to you, the seeds will be on hand for planting just when you need them.

MAKE REMITTANCE By Postal Note, Postoffice Money Order, Registered Letter, Draft on New York or Kansas City, or by Express. Small remittance may be made in Postage Stamps. Our terms are strictly cash with all orders. **We will** send no goods C. O. D., unless accompanied by one-quarter of the amount of the order sent, and then orders must amount to \$5.00 or over.

SHIPPING FACILITIES—McPherson is located almost in the center of the state, and enjoys all the advantages of a railroad center, having the Santa Fe, Rock Island, Missouri Pacific and Union Pacific railroads. The Wells Fargo, Pacific and U. S. Express. This gives us unequalled shipping facilities, with lowest rates to all parts of the state; besides, you have the assurance of getting your orders in the quickest possible time.

When goods are to be sent by freight or express, give plain shipping directions, otherwise we use our best judgment in regard to the matter.

MARKET GARDENERS or other large planters requiring larger quantities of seeds than are offered, are invited to write for our Special Price List. In writing please state whether you are a Market Gardener, Florist, or Dealer in Seeds.

We prepay postage on all
SEEDS, BULBS and PLANTS
and guarantee safe delivery.

General List

of VEGETABLE SEEDS



reliable, will not apply equally to all sections, as some allowance must be made for difference in latitude.

DISCOUNTS We sell Six 5-cent Packets of Seeds for 25 cents. Thirteen 5-cent Packets for 50 cents

On all orders for Flowers or Vegetables Seeds in packets or ounces, the purchaser may select seeds to the value of \$1.25 for each one dollar sent us. Thus, anyone sending us \$1.00 can select seeds in packets or ounces amounting to \$1.25; for \$2.00 seeds in packets or

ounces to the value of \$2.50, and so on. This discount applies only on seeds IN PACKETS AND OUNCES, and does not refer to seeds, offered by weight (quarter pound, pound etc.) or measure (pint, quart, etc.) nor to POTATOES, ONION SETS, BULBS OR PLANTS.

Bulk Seed Discounts.

This discount refers to Seeds quoted in catalogues by weight or measure, and not to potatoes, onion sets or bulbs, as some mis- took it last season, neither to seeds in packets.

On an Order of \$5.00, 10 per cent.

On an order of \$10.00, 12 per cent.

On an order of \$20.00, 15 per cent.

ASPARAGUS One of the earliest spring vegetables, and one that would be in more general use were it known how easily it can be grown. It can be grown in any good soil, but does best in moist, sandy soil. To grow plants from seed, sow in drills about one inch deep, in rows a foot apart. Keep the soil mellow and free from weeds in summer, thin out, and the following spring plants may be set in beds 6 feet wide, with a two foot path each side; set plants one foot apart each way, 4 inches below the surface. The deeper the soil and the more manure used the greater the crop. Annually, after the first cutting, the bed should be given a liberal top dressing of manure, ashes and salt, which should be well cultivated into the soil. As soon as the tops turn yellow they should be cut and removed from the beds, and just before winter cover the beds with 4 inches of coarse, strawy manure or

leaves, which should be removed in the spring. A bed 6x60 feet is ample for an ordinary family, and well established is good for twenty years.

One ounce seed sows 60 feet drill.

About 400 plants to the ounce.

Conover's Colossal—A mammoth variety of vigorous growth, sending up from 15 to 20 sprouts each year from one to two inches in diameter. Color deep green, and crown very close. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 15c; lb 50c.

Palmetto—Claimed to be an earlier, better yielder and more even grower than the Colossal. Pkt 5c; oz 10c; qr lb 20c; lb 50c.

Columbian Mammoth White—A distinct variety producing shoots which are white, and remain so as long as it is fit for use. Very robust and vigorous in habit, throws large shoots and fully as many as Conover's Colossal; needs no earthing up. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 25c; lb 75c.



BEANS.

Dwarf or Bush.

Beans are tender and should not be planted until all danger from frost is past; no time is gained by planting before the ground becomes warm. Plant in drills three or four inches apart, or in hills one and one-half feet apart in the row, and rows three feet apart. Hoe often but never when wet with dew or rain, as earth will rust the leaves and injure the crop, especially in sandy soil.

ONE QUART WILL PLANT 100 FEET OF DRILL; TWO BUSHELS TO THE ACRE

At pint or quart price we prepay postage. Pecks or bushels by express or freight at expense of purchaser. Special prices on large quantities.

RUST PROOF GOLDEN WAX—Best strain of Golden Wax Bean on the market. It is hardier, much more prolific, holds its pods up better, and is of better quality. The pods are straighter, longer and thicker than the ordinary Golden Wax, and are rust proof. Pkt 5c; pt 25c; qt 50c; pk \$1.75

GERMAN BLACK WAX—Early, stringless, pods round, waxy-yellow, solid and tender. Pkt 5c; pt 25c; qt 50c; pk \$1.75.

CHALLENGE DWARF BLACK WAX—A distinct Extra Early Wax Bean. Vigorous and productive. Pods large and of good color, growing uniform and well together. Pkt 5c; pt 25c; qt 50c; pk \$2.

WARDWELL'S KIDNEY WAX—Early. Vine medium, erect, hardy and productive. Pods long, broad, flat, brittle and of a delicate waxy-yellow. Beans large kidney-shaped, white and dark markings about the eye. A first class green snap bean, and a good one for winter. Pkt 5c; pt 25c; qt 50c; pk \$2.

Davis' White Wax—Immensely productive, does not discolor. It is also a good shipper, bearing large handsome straight pods, five to six inches in length. The pods are almost without strings when of good size, one of the best for canners, as it \$1.75

We prepay postage on all
SEEDS, BULBS and PLANTS
and guarantee safe delivery.



Extra Early Round Pod Valentine.

Improved Dwarf Horticultural—(Goddard Boston Favorite)—Early excellent for market, splendid shell beans. Pkt 5c; pt 25c; qt 40c; pk \$1.50.

Burpee's Bush Lima—This is a bush form of the well known Large White Lima Bean. It is very fixed in its bush character, growing to a uniform height of about twenty inches. While not so early as HENDERSON'S BUSH LIMA, its larger size will commend it to many. The pods are of the exact size of the Large Pole Limas and contain many beans of the same delicate quality. Pkt 5c; pt 25c; qt 45c; pk \$2.00.

Henderson's Bush—Lima is enormously productive, bearing continuously throughout the summer until killed by frost. Its greatest merit, of course lies in the fact that it is a



Green Pod Varieties.

Extra Early Round Pod Valentine—At least ten days earlier than the Early Valentine and usually ready to pick in 35 days after planting. The pods are round, thick and fleshy, of finest quality and unequalled in uniformity of ripening; one of the most profitable sorts for gardeners. Pkt 5c; pt 20c; qt 40c; pk \$1.50.

Early Mohawk—First early; none better for first planting; productive, very hardy, almost frost proof, can be used when half grown. Pkt 5c; pt 20c; qt 40c; pk \$1.50.

Long Yellow Six Weeks—A fine early spring bean. Pkt 5c; pt 25c; qt 50c; pk \$1.50.

Burpee's New Stringless Green Pod—A very early variety having straight and fleshy pods which are free from strings. The dry beans are oval, of a chocolate brown color. Pkt 5c; pt 25c; qt 40c; pk \$1.25.



true bush variety, requiring no support from stakes or poles, but the experience of all who have grown it has been that it excels in Quality, Quantity and Earliness. Pkt 5c; pt 25c; qt 50c; pk \$2.00.

We prepay postage on all Seeds, Bulbs and Plants and guarantee safe delivery.

Pole or Running Beans.

These are not so hardy and require more care and cultivation than the bush beans, and, as a rule, should be planted two weeks later. Plant in hills from 2 to 3 feet apart, and from 4 to 6 seeds in a hill.

Large Lima—The most delicious bean grown. Plant in warm, sandy soil, after all danger of frost is over. Pkt 5c; pt 25c; qt 50c; pk \$2.00.

White Dutch Case Knife—Beans kidney shaped, white, very prolific with broad long pod. An excellent variety for planting with corn. Pkt 5c; pt 25c; qt 50c; pk \$2.00.

Lazy Wife's—The pods grow from 6 to 8 inches long, entirely stringless and of a rich

buttery flavor when cooked. The pods retain their tender, rich flavor until nearly ripe; a good white shell bean for winter use. Pkt 5c; pt 25c; qt 45c; pk \$2.00.

Horticultural or Speckled Cranberry—(The old Bird Egg Bean).—Round, speckled, tender for snap beans, not excelled for shelling and SUCCOTASH. Pkt 5c; pt 25c; qt 50c; pk \$2.00.

Red Speckled Cut-Short, or Horticultural—An old variety, very popular for planting among corn, and will give a good crop without poles, vines medium, not twining very tightly, pods short, round and tender. Pkt 5c; pt 25c; qt 50c; pk \$2.00.

and transplant and manage as winter cabbage. Pkt 5c; oz 15c; $\frac{1}{4}$ lb 50c; lb \$1.75.

BORECOLE OR KALF.

One Ounce of Seed to 100 Yards of Row.
Sow about the middle of April in prepared beds, covered thinly and evenly. Plant out in June, following the directions recommended for the cultivation of cabbage.

Dwarf Green German—Sown in autumn for "greens." Hardy, prolific, flavor similar to cabbage. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c; lb \$1.00.

Dwarf Purple—Similar to the above except in color, which is deep purple. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c; lb \$1.25.

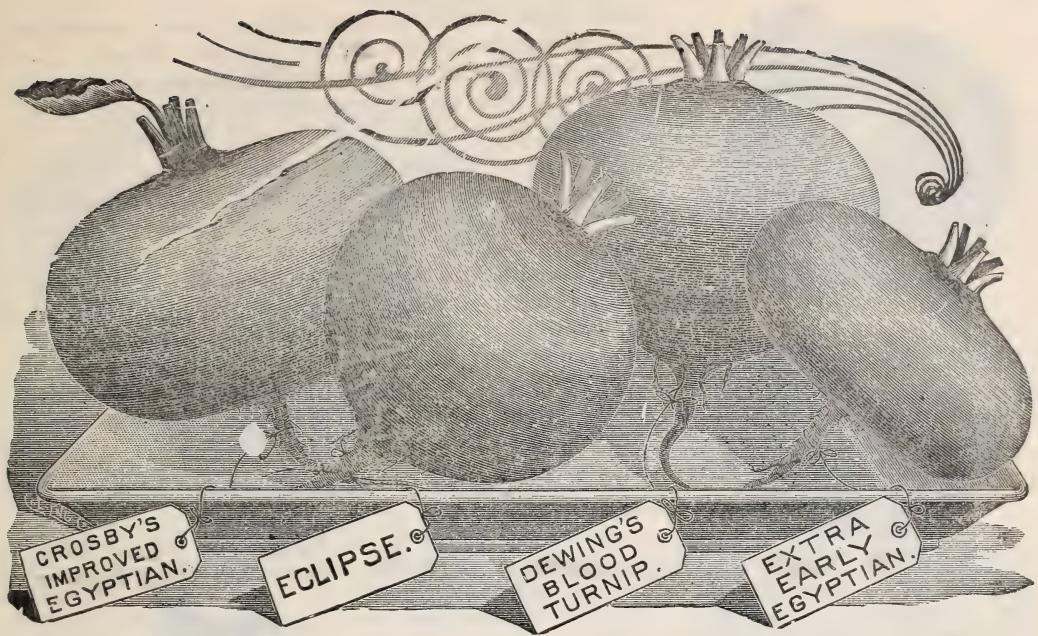
Weight of Various Articles in the State of Kansas.

LBS. PER BU	LBS. PER 1 U.	LBS. FER BU.
Barley.....4	Hemp Seed.....44	Peas.....60
Beans.....60	Hungarian Grass Seed.....48	Potatoes, Irish.....60
Buckwheat.....50	Millet.....50	Red Top Seed.....14
Broom Corn.....46	German Millet.....50	Rye.....56
Blue Grass.....14	Gastor Beans.....46	wheet Potatoes.....0
Clover Seed.....60	Oats.....32	Timothy Seed.....45
Corn, shelled.....56	Onions.....56	T. P. Onion Sets.....28
Corn, on Ear.....70	Osage Orange.....83	Turnips.....55
Flax Seed.....56	Orchard Grass.....14	Wheat.....60
Cane Seed.....56	Kaffir Corn.....56	Button Onion Sets.....82

The Number of Trees, Plants, Etc., Required to Set an Acre.

DISTANCE.	NO.	DISTANCE.	NO.	DISTANCE.	NO.
3 ft by 1 ft.....	43,560	3 ft by 3 ft.....	4,840	15 ft by 15 ft.....	197
1 $\frac{1}{2}$ ft by 1 $\frac{1}{2}$ ft.....	10,890	4 ft by 4 ft.....	4,722	18 ft by 18 ft.....	137
2 ft by 2 ft.....	10,810	5 ft by 5 ft.....	1,752	20 ft by 20 ft.....	105
2 $\frac{1}{2}$ ft by 2 $\frac{1}{2}$ ft.....	6,9	6 ft by 6 ft.....	1,210	25 ft by 25 ft.....	77
3 ft by 1 ft.....	14,5 0	9 ft by 9 ft.....	537	30 ft by 30 ft.....	40
3 ft by 2 ft.....	7,290	12 ft by 12 ft.....	302	50 ft by 40 ft.....	20

We prepay postage on all
SEEDS, BULBS and PLANTS
and guarantee safe delivery.



BEETS FOR THE TABLE.

The soil best suited for the culture of the Beet is that which is rather light, provided it is thoroughly enriched with manure. If wanted very early, sow in hot beds and transplant; but for main crop sow in the spring as soon as the ground becomes fit to work, in drills about 18 inches apart and two inches deep. For winter use the turnip varieties may be sown as late as June. When the plants have attained three or four inches, thin out so that they may stand five or six inches apart. Keep free from weeds by frequently hoeing and hand weeding, if necessary. Before freezing weather sets in, the roots may be stored in a cellar or in pits as potatoes, if dry earth is thrown over them before the straw and earth covering is put on it insures their keeping over winter. Be very careful not to bruise them.

One Ounce of Seed to 50 Feet of Drill, 5 and 6 pounds to the Acre.

Extra Early Egyptian—The earliest variety grown and very valuable on that account. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Eclipse—An improved extra early sort. Tops small, dark red, shading to green on outside. Roots nearly round with small tap roots and very small collar. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Dewing's Blood Turnip—An excellent red turnip beet, about a week earlier than the blood turnip; flesh rich in color, tenuer and sweet. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Extra Early Bassano—An early good beet, tender and juicy, flesh white and rose, when sown late, keeps late in winter. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Edmund's Turnip—Deep red; smooth, good size, small top, very early and decidedly popular. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

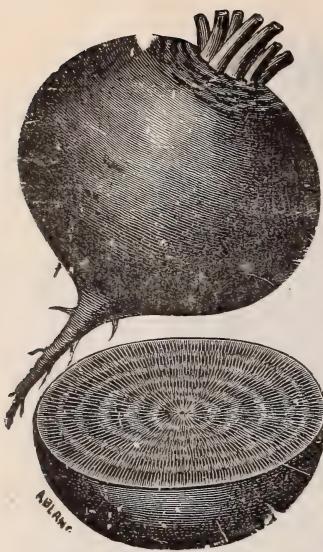
Bastin's Blood Turnip.

Highly esteemed by market gardeners. Extra early, flesh tender, and retains its fine blood red color when cooked. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Lentz—Has a very small top originated with a market gardener near Philadelphia. It is about as early as Egyptian, producing a crop in six weeks from time of planting. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Long Blood—One of the best and most popular table beets, especially for autumn and winter use. A good keeper and exceedingly productive. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.





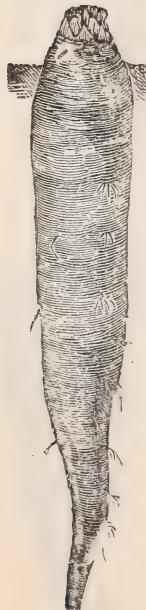
Early Blood Turnip.

varieties, which cut white. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 15c; lb 40c; 5 lbs for \$1.75.

Champion Yellow Globe—This variety is much esteemed for its smooth, globe shaped roots, which grow to a large size; a favorite for all stock feeding purposes. Oz 5c; $\frac{1}{4}$ lb 15c; lb 40c.

Long Red Mangold Wurzel—A large long variety grown for stock feeding; color, light red, flesh white and rose colored. Oz 5c; $\frac{1}{4}$ lb 15c; lb 40c.

Sugar Beets.



Long Blood.

Sugar beets are not as heavy yielders as the Mangolds but are a superior quality containing a large amount of Saccharine matter. Thousands of acres are planted with Sugar Beets in Europe for the manufacture of sugar. They are excellent for feeding cows, improving wonderfully the quantity and also the quality of the milk.

Lane's Improved Imperial—An American variety, and the best stock feeding beet for this country. It is not so sweet as the French sugar beets grown especially for sugar making, but the roots are longer and more symmetrical, of fine grain and very sweet, making it good for table use or for cattle feeding. Oz 5c; $\frac{1}{4}$ lb 15c; lb 40c; 5 lbs \$1.75.

Yellow Globe—Grows to a large size, much above ground; roots half long, yellow; grown in this country for feeding stock. In France it is cultivated extensively for sugar. Oz 5c; $\frac{1}{4}$ lb 15c; lb 40c; 5 lbs \$1.75.

Vilmorin's Improved Imperial—A medium sized white sugar beet, brought by the most careful selection to the highest perfection, both in shape, size and color of the root. Greatly esteemed by sugar manufacturers. Oz 5c; $\frac{1}{4}$ lb 15c; lb 40c; 5 lbs \$1.75.

Early Blood Turnip—An old favorite. Early, productive and of good quality. Pkt 5c oz, 10c; $\frac{1}{4}$ lb, 20c; lb 60c.

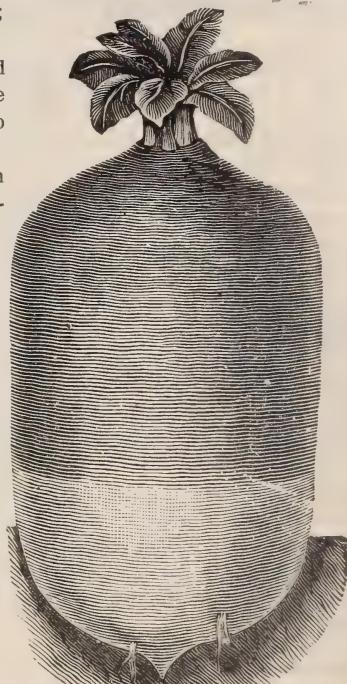
Swiss Chard or Silver Beet—Much superior to the common beet for greens, and if sown at the same time will be fit for use before them. Pkt. 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

BEETS FOR STOCK.

Mangle Wurzel and Sugar Beets—The value of these for stock feed cannot be overestimated. The results from their use are wonderful, as is clearly shown in the improved health and condition of animals, the increased yield of milk in cows, and the great saving in hay. They can be raised at a very trifling cost, and yield immense crops per acre. If the soil is rich, you can hardly get it too rich—they make a heavy growth and the rows should be at least two feet apart, and if large quantities are grown it is best to have the rows wide enough apart to use a horse in cultivating.

Five or Six Pounds of Seed Required Per Acre.

Golden Tankard—An extremely desirable and comparatively new variety which is fast supreceding the old sorts. Flesh bright yellow, and in this respect differs from all other





New Express.

New Express Cabbage—Produces fair-sized heads in 80 to 85 days from sowing of seeds; does not form as large a head as "Earliest Etampes," but is ahead of this variety several days. An important acquisition for the market gardener and those who grow cabbage for early market. Pkt 5c; oz 15c; $\frac{1}{4}$ lb 40c; lb \$1.50

Very Early Etampes—The earliest of all cabbages, except Express. Heads oblong, rounded at top, solid and firm, medium size, very fine quality. Pkt 5c; oz 15c; $\frac{1}{4}$ lb 40c; lb \$1.50.

Early Winningstadt—One of the surest headers grown, cone-shaped and remarkably hard and solid, desirable for both early and late, quality excellent. Pkt 5c; oz 15c; $\frac{1}{4}$ lb 40c; lb \$1.50.

Early Drumhead—An early variety, very dwarf with medium sized heads comes in about with the Early Flat Dutch. Pkt 5c; oz 15c; $\frac{1}{4}$ lb 40c; lb \$1.50.

Early Dwarf Flat Dutch—An excellent second early sort. Heads medium size, solid, flat, grows low on stump, and is of good flavor. Pkt 5c; oz 15c; $\frac{1}{4}$ lb 40c; lb \$1.50

Early Large York—Succeeds the Early York of large

CABBAGE.

The cabbage requires a deep, rich soil and thorough working. For early use, the plants should be started in a hot-bed or cold-frame, but seed for winter cabbage should be sown in a seed bed early in the spring. Some of the large, late varieties seem to do best if the seed is sown in hills where they are to remain, and in that case sow two, or three seeds where each plant is desired and then pull up all but the strongest. Plant the large varieties three feet apart; the small, early sorts, from a foot to eighteen inches

One Ounce of Seed Produces About Fifteen Hundred Plants, A Half Pound Grows Enough Plants to Set an Acre.



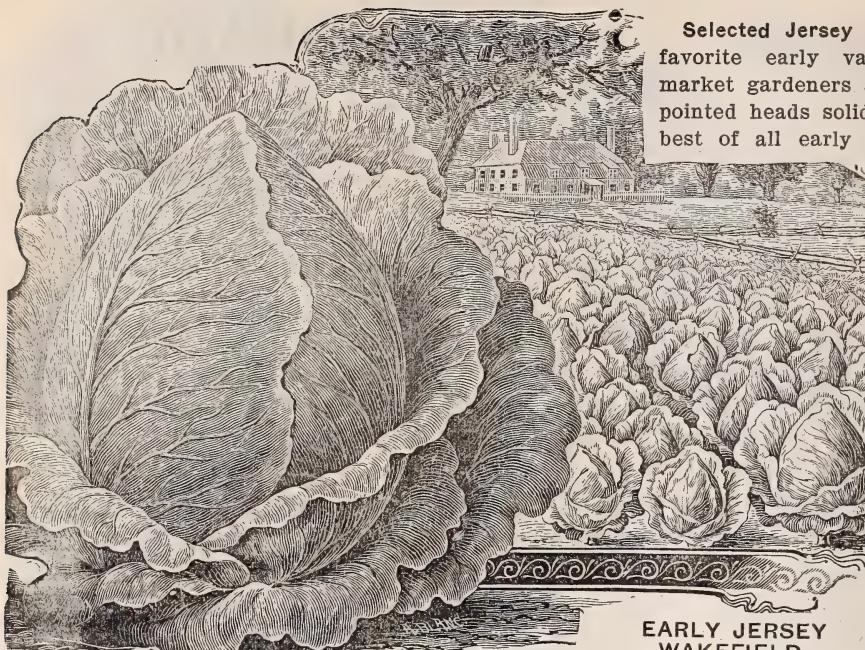
size about ten days later, more robust and bears the heat better. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c; lb \$1.00.

Early York—A very valuable, early variety. Heads small, firm and tender of very dwarf growth and may be planted 18 inches apart. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c; lb \$1.00

Henderson's Early Summer—(Selected Stock)—It is about ten days later than the Wakefield, but being fully double the size. It may be classed as decidedly the best large early cabbage, and is deservedly popular with market gardeners. In weight is equal to most of the late varieties, and its short outer leaves allow it to be planted nearly as close as the Wakefield. It keeps longer without bursting open after heading, than any variety we know of. Pkt 5c; oz 15c; $\frac{1}{4}$ lb 40c; lb \$1.50.

Marblehead Mammoth—The largest cabbage known. Under good cultivation, acres have been grown where the heads would average thirty pounds each. Pkt 5c; oz 15c; $\frac{1}{4}$ lb 50c; lb \$1.75.





Selected Jersey Wakefield—The favorite early variety for both market gardeners and general use pointed heads solid and really the best of all early sorts. Pkt 5c; oz 20c; $\frac{1}{4}$ lb 60c; lb \$2.00.

All Head Early

The deep flat heads are remarkably solid and uniform in color as well as shape and size. The main feature of a good cabbage is tenderness, and in this respect it surpasses all others.

EARLY JERSEY WAKEFIELD. While All-Head is all

that can be desired for earliness, it is valuable for later or winter cabbage. Pkt 5c; oz 20c; $\frac{1}{4}$ lb 60c; lb \$2.00.

Choice Large Late Flat Dutch (American)

—This is the most popular variety and more largely grown than any other, the largest and most compact heads of any strain offered. Everybody knows of its good qualities, and the stock we handle has been especially grown for us under our personal supervision. We confidently recommend it. (See cut) Pkt 5c; oz 15c; $\frac{1}{4}$ lb 40c; lb \$1.50.

Seeds sown in July and Plants set out about the middle of August will bring heads large and solid.

All Seasons—Heads very large, round, solid, and of fine quality, keeping as well as the winter sorts. Plants very vigorous, but sure heading. Remarkable for its ability to stand the hot sun and dry weather. Pkt 5c; oz 15c; $\frac{1}{4}$ lb 40c; lb \$1.50.

Surehead—Produces large, round flattened heads of Flat Dutch type and is remarkable for its certainty to head. It is the very best cabbage for main crops. We do not hesitate to recommend it for the market or kitchen garden. Pkt 5c; oz 15c; $\frac{1}{4}$ lb 50c; lb \$1.75.

Holland—This variety is known



also as Dutch Winter and Danish Ball Head. Its principal value lies in its hard heading qualities, which make it positively the best shipper and winter keeper of any on the market. The weight of the head trimmed for market is fully one-fourth more than that of any other variety of a similar size. Destined to occupy a prominent place in market produce. Pkt 5c; oz 30c; $\frac{1}{4}$ lb 75c; lb \$2.50.

Stonemason—Characterized by its sweetness and delicacy of flavor, and by its reliability in forming a large head. Very hardy, and will endure the cold of extreme northern climate. Pkt 5c; oz 15c; $\frac{1}{4}$ lb 40c; lb \$1.50

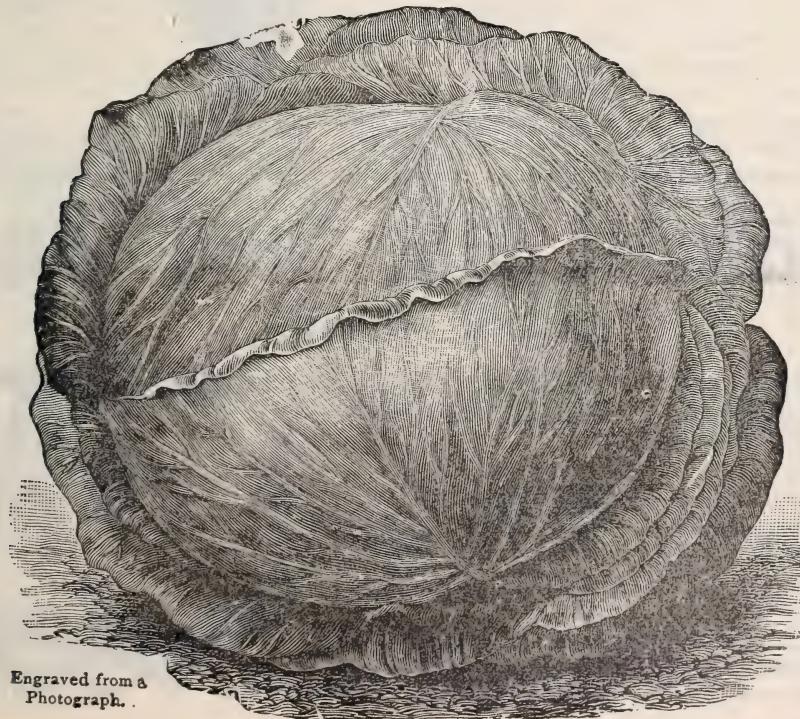
Excelsior—The Excelsior is medium early, following the Henderson Summer in close succession. Somewhat resembles Fottler's Brunswick, but much larger. Another remarkable quality is that it never cracks, and planted in July makes an excellent winter cabbage. Pkt 5c; oz 20c; $\frac{1}{4}$ lb 60c; lb \$2.00

can be planted nearly as close, its outer leaves being unusually short. One of its characteristics is the fact that **IT IS ALWAYS SURE TO HEAD**. Pkt 5c; oz 20c; $\frac{1}{4}$ lb 60c; lb \$2.

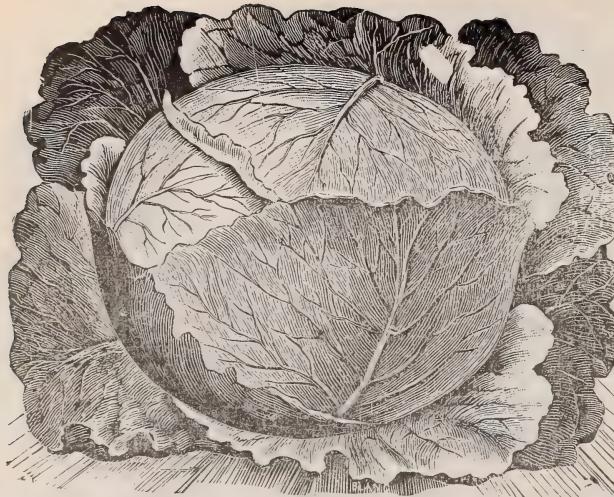
Early Louisville Drumhead—Head very large and solid; a sure header will stand without bursting almost the entire summer. For winter use sow late in the season. Pkt 5c; oz 20c; $\frac{1}{4}$ lb 60c; lb \$2.

Early Red Dutch—Early variety. Will make fine winter cabbage, if sown quite late in the open ground. Pkt 5c; oz 15c; $\frac{1}{4}$ lb 60c; lb \$2.00

Henderson's Succession—Now well known, is about one week later than the Early Sum-



Engraved from a Photograph.



Large Late Drumhead.

Perfection Drumhead Savoy—For winter use one foot apart. If for early spring use, sow in this variety is unsurpassed. Heads large and solid, very tender and of excellent flavor. Pkt 5c; oz 25c; $\frac{1}{4}$ lb 75c; lb \$2.50.

Corn Salad or Lamb's Lettuce.

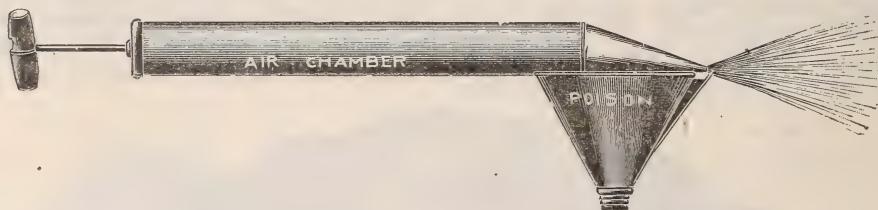
Used as salad. Sow early in spring, in drills

Large Seeded—Pkt 5c; oz 10c; $\frac{1}{4}$ lb 25c; lb 80c.

Late Red Dutch—Similar to above but later. Used for pickling. Pkt 5c; oz 20c; $\frac{1}{4}$ lb 60c; lb \$2.00.

Late Late Drumhead—The Drumhead is a large fall and winter variety, with a broad, flat head, short stump, tender and good flavored, and an excellent keeper, grown extensively for shipping purposes. Pkt 5c; oz 15c; $\frac{1}{4}$ lb 40c; lb \$1.50.

Cannon Ball—This cabbage is so called because the head is as round and almost as hard and as heavy as a cannon ball, a second early variety. The heads when fully grown attain the size of from six to eight inches in diameter. Pkt 5c; oz 15c; $\frac{1}{4}$ lb 40c; lb \$1.50.



Electric Bug Exterminator, brass, each \$1.00; delivered by express, \$1.25. Tin 75c; delivered by express \$1.00.

Broadcast Hand Seed Sowers

CRANK MOTION.

For sowing Grass and Clover Seed, Wheat, Rye, Flax, Oats, etc. Sows from twenty to thirty acres per day at a common walking gait.

This is the Cheapest Crank Seeder on the market and is equal to the best for the quality of the work it does, and for durability.

\$1.75 Each

Will save one-half the labor and one-third the seed over hand sowing, besides greatly increasing the crop by the more equal distribution of the seeds.

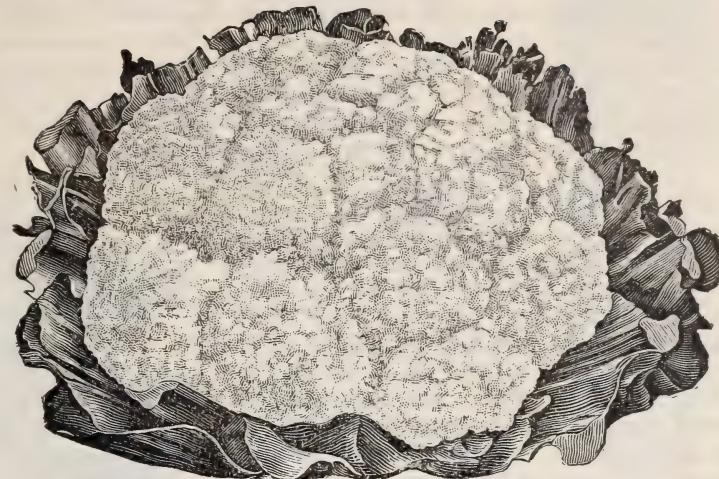


CAULIFLOWER.

A good extra rich soil is essential for the cultivation of this most delicious vegetable; our most experienced cultivators, however, acknowledge the advantages of a good moist season. Pursue the same general directions as recommended for growing cabbage, watering liberally during the dry weather. An occasional application of liquid manure is beneficial.

Henderson's Early Snow Ball—One of the best types of Cauliflower on the market. If planted March 1, large sized heads will be produced early in June, and scarcely a single head will fail to form. The outer leaves are short, so that the plants may be set from 18 to 20 inches apart. Its compact habit of growth renders it a very profitable variety to force under glass, and it does well for late planting. Our stock cannot be excelled in quality. Pkt 15c; $\frac{1}{4}$ oz 75c; oz \$2.50.

Extra Early Dwarf Erfurt—The favorite German variety. Dwarf habit, compact growth short outside leaves, can be planted 20 inches apart. Pkt 15c; $\frac{1}{4}$ oz 75c; oz \$2.50.



Henderson's Early Snow Ball.

Extra Early Paris—Highly esteemed for its earliness and reliability to head. Its hardness, sure heading and compact growth, make it the best for forcing or wintering over. Pkt 10c; oz \$1.00 $\frac{1}{4}$ lb \$2.50

CARROTS.

3 TO 4 POUNDS OF SEED TO THE ACRE.

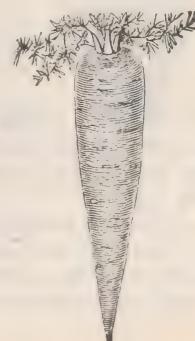
Deeply tilled soil, of a light, sandy nature, is the most suitable for carrots. Avoid sowing on newly manured ground, which has a tendency to produce forked roots; the land, should, therefore, be manured the previous season. For early crop sow as soon as the ground can be worked, and for later crops, from the beginning until the end of May, in rows 15 inches apart and half an inch deep. Thin out the young plants to five inches, and keep the surface open by frequent use of the hoe.

Long Orange—Standard sort; roots long and smooth; suitable for stock feeding and table use. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Early French Forcing—This variety has two things very much in its favor, namely: its extreme earliness and fine flavor; stump rooted and grows about two inches in length. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 25c; lb 75c.

Early Scarlet Horn—Best for early planting out of doors. Top small, coarsely divided, roots tapering abruptly to small top, orange red, flesh thick with distinctly yellow core. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Danver's Half Long—One of the most productive and best for field culture. Roots are large; but short, tapering abruptly to a point, very uniform and handsome, flesh deep orange



sweet and tender. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; beautiful shape and rich orange color. It is of extra fine quality and very productive. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Ox-Hart, or Guerande—This new French carrot is one of the most valuable of all recent introductions, either for family use or market. It is an intermediate between the Half Long and Horn varieties, attaining a diameter of 3 or 4 inches at the neck, and of most

lb 40c.

White Belgian—Grows one-third out of the ground. Roots pure white, green above ground with small top, flesh rather coarse, grown extensively for stock. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 15c; lb 40c.

CELERY.

This is one of the best, if not one of the finest of solid plants. Although largely grown at the present time, still its production should be greatly increased. No dinner table is now regarded furnished without its well filled celery dishes. It may be grown in any garden with very little labor, and especially the dwarf varieties which really do not require to be grown in trenches. Sow the seeds in hot beds or in a box in the house, or in the open ground as soon as the soil can be worked, and when the plants are four to six inches high, make trenches, a foot deep and four or five feet apart. Enrich thoroughly the bottom of the trenches, a foot deep and plant six to eight inches in trenches, and as the plants grow haul the fine earth up about them to blanch their stems. The dwarf kind may be set on the surface in rows three feet apart, and the stems blanched by hillling them.

Kalamazoo—The most perfect type of Dwarf White Celery known. It is perfectly distinct and is of a beautiful cream white color throughout, attains a very large size, is of quick growth, showy and handsome appearance. Pkt 5c; oz 20c; $\frac{1}{4}$ lb 60c; lb \$2.00.

Golden Hart—A very popular and distinct variety. In habit of growth it resembles the Half Dwarf sorts, except that when blanched the heart, which is large and full, is of a waxy golden yellow. It is a most striking and showy variety, for either market or private use. It is entirely solid, of excellent flavor, and keeps well during the winter. Pkt 5c; oz 15c; $\frac{1}{4}$ lb 40c; lb \$1.50.

Boston Market—The most popular sort in the market of Boston, and the only one planted by the market gardeners of that vicinity. It forms a cluster of heads, instead of a single large one, and is remarkably tender and crisp. The best variety for light soils. Pkt 5c; oz 15c; $\frac{1}{4}$ lb 40c; lb \$1.50.

White Plume—This new celery is valued because, naturally, the stalks and portions of the inner leaves and hearts are white, by simply tying up the stalks and drawing up the soil with the hoe, the work of blanching is complete. It is ornamental, tender, crisp and of good flavor and very early. Pkt 5c; oz 25c; $\frac{1}{4}$ lb 60c; lb \$2.00.

Golden Self Blanching—The plant is of beautiful appearance, of close habit, compact in growth, and straight, vigorous stalks. The ribs are perfectly solid, crisp and brittle, and of delicate flavor, surpassed by no other variety, while it has the decided merit of being self blanching to a very remarkable degree. Pkt 5c; oz 25c; $\frac{1}{4}$ lb 75c; lb \$2.50.



CORN=SWEET.

Pint and quart postage prepaid. One-fourth bushel and bushel by freight or express at expense of purchaser.

Allow One Quart of Seed to 200 Hills.

Corn may be planted from the beginning of May until the middle of July, in hills three feet apart each way, and four plants to a hill.

Always select a warm soil for sweet corn if possible, especially for the earlier varieties, as the difference in soil and exposure will make at least a week's difference in the time of maturity, besides insuring a crop. We have taken the greatest pains to secure very choice sweet corn.

Early Minnesota—This is among the earliest of the sugar varieties, and much esteemed, not only because it matures so early but for its excellent quality as well, ears rather small, long and pointed. Pkt. 5c; pt. 20c; qt. 30c; pk. 75c.

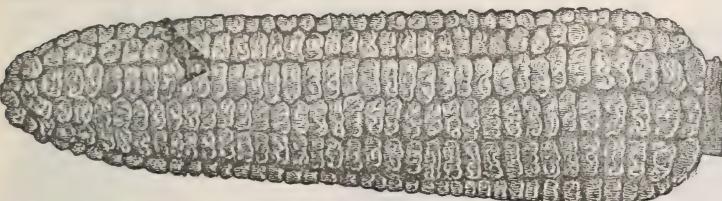
Crosby's Early—A most excellent variety and remarkably early. Ears of good size, medium length, sweet, rich and delicate. Pkt. 5c; pt. 20c; qt. 30c; pk. 75c.

Early Minnesota.

Early Marblehead—Very early with fair sized ears, excellent quality. Pkt 5c; pt 20c; qt. 30c; pk. 75c.

Cory—This is a new variety. As early as the Early Marblehead, with longer and handsomer ears. Pkt 5c; pt 20c; qt 30c; pk 75c.

Egyptian Sweet—A variety noted for its productiveness, the stocks having from two to four ears each. It is especially adapted for canning purposes. Its season is about the same as Evergreen. Pkt 5c; pt 20c; qt 0c; pk. 75c.



Stowell's Evergreen.

Black Mexican—The sweetest and most desirable for family use. When dry the kernals are black. The corn, when in condition for the table cooks remarkably white and is not equalled in tenderness by any other sort. Pkt 5c; pt 20c; qt 30c; pk 75c.

Country Gentleman—Similar in type to Ne Plus Ultra, or Shoe Peg. By careful selection a variety has been obtained which produces ears of about double the size, and of the same delicious quality, as the original. The ears are produced in great abundance. The cob is very small, giving great depth to kernals,

Extra Early Adams—The earliest white corn grown, ready for use in 60 days, used extensively in the Southern and New York markets, height of stalk 3 to 4 feet, can be planted earlier than sugar variety. Pkt 5c; pt 20c; qt. 30c; $\frac{1}{4}$ bu. 60c.

Mammoth Evergreen—This variety produces the largest ears of any corn with which we are acquainted. Quality first-class. For family use it cannot be excelled. Pkt 5c; pt 20c; qt. 30c; pk. 75c.

Stowell's Evergreen—One of the most popular kinds in cultivation. Can be planted up to July 15, and furnish a supply of corn for the table until frost. It is very productive, tender and sweet, remaining in condition for boling a long time. Pkt 5c; pt 20c; qt 30c; pk. 75c.

which are pure white. But the great merit of the Country Gentleman is its delicious flavor. Pkt 5c; pt 20c; qt 40c; pk \$1.00.

Cress or Pepper Grass.

A popular pungent salad, which should be sown early in the spring, very thickly in shallow drills and at short intervals as it soon runs to seed.

Extra Curled—The finest variety grown, the leaves are beautifully cut and curled, highly prized for garnishing. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 70c.



Cory.

POP CORN OR PARCHING.

White Pearl—Our common market variety.
Pkt 5c; lb 20c.

White Rice—A very handsome variety; kernels long, pointed, and resembling rice; color white, very prolific. Pkt 5c; lb 20c.

Queen's Golden—The stalk grows six feet high, and large ears are produced in abundance. It pops perfectly white and a single

kernal will expand to the diameter of one inch.
Pkt 5c; lb 20c.

CHICKORY.

Large Rooted or Coffee—Much used in Europe as a substitute for coffee and large quantities of prepared root are annually exported to this country for similar use. Sow as early in the spring as the ground can be prepared in rich friable soil in drills 18 inches apart in garden and two and one-half in field culture. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 25c; lb 80c.

CUCUMBERS.

Cucumbers succeed best in warm, moist, rich loamy ground; they should not be planted in open air until there is a prospect of warm settled weather. Plant in hills about four feet apart each way. When all danger from in-

Early Cluster—Fruit short, producing the bulbs of the fruit near the root and in clusters; not desirable for pickling. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c.

Early Frame or Early Short Green—Plants very vigorous and productive. Fruit short, handsome, bright green, with crisp, tender flesh, and when young makes excellent pickles. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c.



Early Cluster.

Early White Spine—One of the best sorts for table use. Vines vigorous, fruiting early and abundantly, fruits uniformly straight and handsome light green, with few white spines. Flesh tender, and of excellent flavor. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c.

Long Green Turkey—A long variety used very extensively for pickles. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c.

Early White Spine.

Boston Pickling—An early short variety, of good form and very productive. One of the best for pickling. Pkt 5c; oz 15c.

Cool and Crisp Cucumbers—The peculiar feature of this variety is the knobs or protuberances upon which the spines are placed, that are prominent at all stages of growth, giving the cucumbers a very attractive appearance. This variety is the earliest and

most prolific of all pickling cucumbers, and is certain to become a standard sort. Color dark green, almost black. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c.

Early Russian—Earliest and hardest, fruit three or four inches long, small, oval, pointed at each end; covered with fine, small spines Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c.



Giant Pera—This magnificent variety is of the most delicious flavor, flesh white, very crisp and tender at all stages, and can be eaten at any time during growth. Of enormous size, frequently eighteen inches in

length and ten inches in circumference, very smooth and straight, with a beautiful skin free from spines. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c

Nichol's Medium Green—It is early, exceedingly prolific, always growing straight and smooth, in color dark green, not medium green, but medium in size. The flesh is tender and crisp. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c.

Improved Long Green—Produced by selections from the Long Green. The most popular variety in cultivation, vines vigorous and productive, fruit about twelve inches long with few seeds. The young fruit makes the best pickles, and when ripe is used largely for pickles. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c.

Siberian Cucumber—Absolutely the earliest



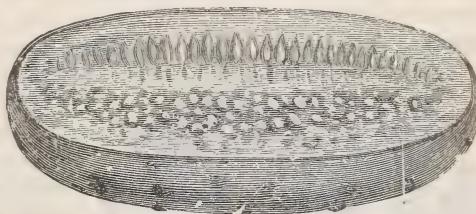
SIBERIAN
CUCUMBER

cucumber known. A startling surprise for market gardeners; nothing like it ever seen in cucumbers. Just think of it! Cucumbers five inches long grown in open ground in fifty-five days. It is also a splendid free-bearing variety, and for early forcing purposes, or for slicing, it is the most valuable addition ever made. Try it. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c.

GHERKINS.

A very small oval shaped prickly variety. It is exclusively for pickling. It is the smallest of the varieties, and should always be pickled when young and tender. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c.

Livingston's Evergreen Cucumber—In the new Livingston's Evergreen we have a superior variety in many respects. It possesses every qualification of a perfect pickle sort, very hardy and evergreen, notwithstanding drouth, and bearing until frost. A very strong



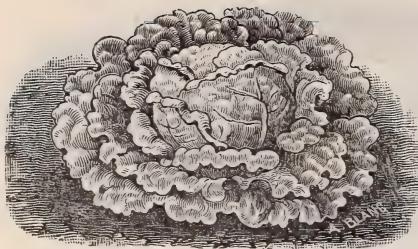
Nichol's Medium Green.

grower, but extra early and best in flavor, bearing firm, crisp fruit for pickling or slicing. Price Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c.

LIVINGSTON'S EVERGREEN.



ANY NOVELTIES OR SPECIALTIES IN VEGETABLE SEEDS OFFERED BY ALL RELIABLE SEED HOUSES, NOT LISTED HERE, CAN BE INCLUDED IN OUR CUSTOMERS ORDERS AND WE WILL FURNISH THE SAME AT REGULAR ADVERTISED PRICE.



18 inches apart, and 8 to 10 inches in the row. For a later supply plant every two weeks from the middle of April until July, choosing varieties according to their heat resistance. If sown outside to be cut young, sow thickly in drills or broadcast, but if strong, fine heads are desired, sow in drills $\frac{1}{4}$ inch deep, 18 inches apart, and thin, rather than transplant, to 12 inches apart in the rows.

One ounce of seed for 2,500 plants

SILVER BALL LETTUCE.

This lettuce produces a beautiful head, very firm, solid and compact, with handsomely curved leaves, of an attractive silvery white color, very rich, buttery, and stands a long while before running to seed. An excel-



Silver Ball Lettuce.

ed variety of the Early Curled Silesian, good for main crop, the earliest and a desirable market variety. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00

Prize Head—Very large, stained with red, outer leaves curled, very crisp and tender, slow running to seed. An excellent variety. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c; lb \$1.00.

California Cream Butter Lettuce—The heads are of good size, compact, very hard and solid. It is medium early and one of the best summer varieties of head lettuce. It is a black seeded variety and the grower says it stands summer heat better than the Philadelphia Butter, the Deacon or any other white seeded lettuce. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c; lb \$1.00.

Earley Tennis Ball—The best variety of heading lettuce for growing under glass. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c; lb \$1.00.

Hanson—One of the very best Heads green outside and white within. It will grow to a remarkable size, very solid, deliciously sweet, crisp and tender, even to the outside leaves. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c; lb \$1.00.

Grand Rapids—Especially adapted for green-house culture in winter also a good lettuce

The most used of all the salads, is of easy culture, being almost free from all disease and insects. It requires rich, moist soil, and clean cultivation. This will give the quick growth on which depends its appearance, tenderness and flavor. For early spring use, sow seed bed in September or October, and protect through the winter with the cold frames, or in the south with leaves and litter, or sow in hot beds in early spring; as soon as the ground can be well worked, transplant in good ground, in rows

LETTUCE.



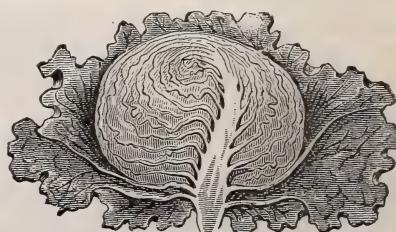
Early Curled Silesian.

lent variety both for early spring and summer use. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 30c; lb. \$1.

Early Curled Silesian—A cutting variety. The first to produce edible leaves. It does not head, but affords crisp, good flavored salad, long before the cabbage varieties have commenced to head. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c; lb. \$1.00.

Black Seeded Simpson—The leaves of this variety are very firm and form a compact mass rather than a distinct head, very crisp and tender, standing the heat of summer well. Pkt. 5c; oz. 10c; lb \$1.00.

Early Curled Simpson, White Seeded—An improv-



California Cream Butter Lettuce.

to sow outside early for family use. It is the result of years' selections from the Black-Seeded Simpson. It is very beautiful in appearance. It is of upright rapid growth; may be planted close; not liable to rot, standing several days after being ready to cut without injury; retains its freshness a long time after being cut, hence much sought after by dealers, especially shippers; its quality is very desirable. Pkt 5c; oz 15c; $\frac{1}{4}$ lb 35c; lb \$1.10.

Denver Market Lettuce—It is an early variety of Head Lettuce, either for forcing or open ground. It forms large, solid heads of a good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like Savoy Cabbage) and very crisp and tender and of excellent flavor. By these blistered leaves it distinguishes itself from any other kind of lettuce now grown. The shape of the head resembles somewhat the Hanson, but is more oblong. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c; lb \$1.00.



but if allowed to reach its full size it becomes tough and stringy.

Large White Giant—A good sort for summer and autumn use. Pkt 5c; oz 30c; $\frac{1}{4}$ lb 60c.

Early White Vienna—The earliest and best for forcing. very tender; excellent for table use Pkt 5c; oz 20c; $\frac{1}{4}$ lb 60c.

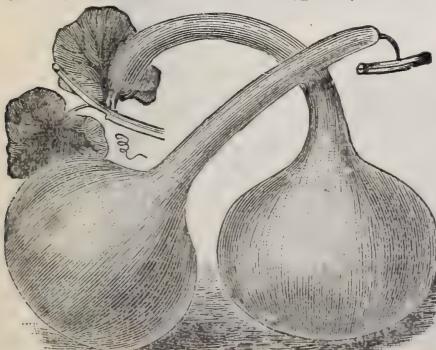
Large Purple Giant—Differs from white only in color. Pkt 5c; oz 20c; $\frac{1}{4}$ lb 60c.

EGG PLANT.

The Egg Plant will thrive well in any good garden soil, but will repay good treatment. The seed should be sown in hot-beds the first week in April, care being taken to protect the young plants from the cold at night. Plant out about June 1st, two and a half feet apart, if no hot-bed is at hand, sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or boxes in the house.

Early Round Purple—The best variety in cultivation. Early and very productive. Pkt 5c; oz 30c; $\frac{1}{4}$ lb \$1.00.

Long Early Purple—This is one of the earliest and most productive varieties, fruit long, dark, bright purple, of fine quality. Pkt. 5c; oz. 30c; $\frac{1}{4}$ l. \$1.00



GOURDS.

GOURDS.

Hercules Club—Longest of all; 2 to 6 feet. Pkt. 5c.



Early Round Purple.

Japanese Nest Egg—Same shape, size and color as a hen's egg, and not affected by cold or wet weather. Pkt 5c; $\frac{1}{2}$ oz. 15c; oz. 25c.

Dipper—Used for dippers; 9 to 12 inches long, hold from 1 to 4 pints; will last for years. Pkt. 5c; oz. 20c.

Sugar Trough—Holds four to ten gallons; hard, thick shell; very light, yet strong and durable; good for buckets, nest boxes, soap and salt dishes, and to protect early set tomato plants on frosty nights. Pkt. 5c; oz. 15c.

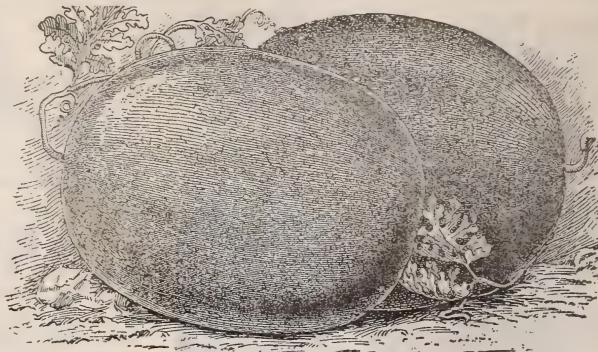
A light soil with good exposure to the sun is best for Watermelons. It should be prepared deep, but receive shallow cultivation. Hoe often and thoroughly. If extra large melons are desired for exhibition purposes leave one or two melons on a vine. Plant in hills 8 to

10 feet apart each way with a shovelful of well rotted manure mixed with the soil in the hill. Plant eight or ten seeds in each hill, and finally leave when danger from insects is past, but three strong plants.

One Ounce of Seed for 30 hills.
One or Two Pounds to the Acre.

Sweetheart Watermelon

This new melon is early, large, handsome, heavy and productive. The shape is oval, and the color mottled light to very light green. Flesh bright red, solid but tender and very sweet. We have a very fine stock grown from selected stock seed procured from the originator, hence it is as pure and true as the original. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.



Improved Dixie—Fruit beautifully striped; is surpassed by few for shipping or table; long keeper; flesh very red, sweet and juicy; quality excellent Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

Kleckley's Sweet—This new variety is one of the finest flavored melons grown. The vines are strong and vigorous; the fruits oblong in form, eighteen to twenty inches long, and ten to twelve inches in diameter; skin dark green; flesh bright red, extremely sweet, melting and luscious. Ripens close to the rind, which is only about one-half inch in thickness. The large solid heart does not crack open when

ripe. Not a shipper, but highly recommended for the home market and family garden. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

Black Diamond—Melons of this sort weighing from 75 to 90 pounds are frequent. Rich dark green, almost black, quite lustrous, uniformly symmetrical, roundish to blunt oval. Productive; one of the best shipping melons grown; flesh red, of the finest quality. Fancy selected southern grown seed. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 25c; lb 75c.

Florida Favorite—Of medium size, striped light and dark green. Flesh deep red, crisp, delicious. Fancy selected southern grown seed. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 25c; lb 75c.



IMPROVED DIXIE

Gypsy or Rattlesnake—A very large striped variety of oblong shape; flesh scarlet and of superior quality. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c

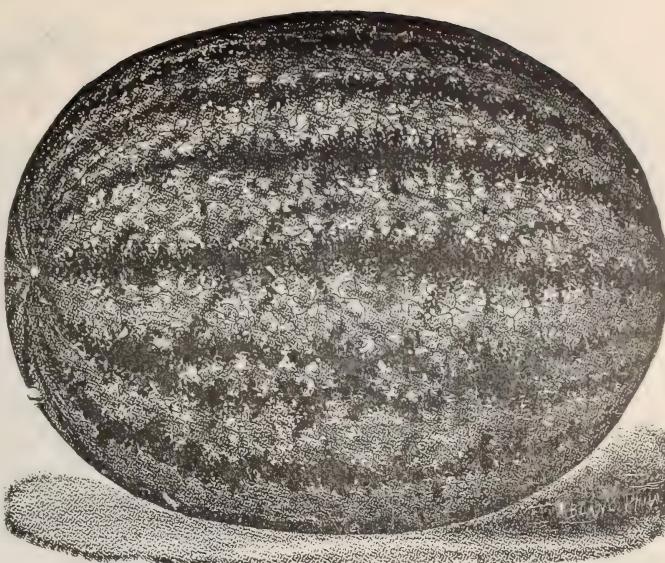
DARK ICING RIND

This has become exceedingly popular wherever grown. Oblong in shape, rind dark green; of good size and very prolific. Flesh melting and of fine flavor. White seed. Pk 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c

MAMMOTH IRONCLAD

This variety, like the preceding, grows to an immense size. It is a remarkably strong grower, very productive, and an excellent keeper. The skin is beautifully striped with light green. The hardness and tenacity of its shell gives it the name of Ironclad. Flesh bright red, solid crisp, and of excellent flavor. Pk 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60

Kolb Gem—The longer this variety is cultivated the better it is liked. Vines of medium size but remarkably vigorous and healthy. Fruit of the largest size, but round and slightly oval, marked with irregular mottled stripes of dark and very light green in sharp contrast, which gives it a very bright and attractive appearance. Flesh bright red, extending to within half an inch of the rind, sweet and tender. Pkt 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.



KOLB GEM

Black Spanish—Very sweet and delicious variety. Fruit round, of large size, skin blackish green, and scarlet flesh. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Ice Cream or Peerless—One of the best melons for the north in cultivation. It is hardy and productive; fruit medium in size; finely mottled and dark green. Flesh bright scarlet, crisp and sweet. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.



Mountain Sweet—Dark green, flesh red, sweet and rich, early and handsome. Though one of the oldest varieties it is still one of the best. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

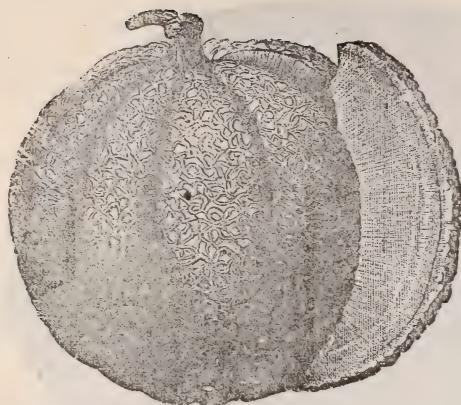
Seminole—It is an extra early enormously productive, extra large and of most delicious flavor. It is of two distinct colors, gray and light green. The gray color predominates, about one-fourth of the melons being of the light green color. Melons of both colors are found on the same vines. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Cuban Queen—A large symmetrical and solid variety, rind very thin and strong, ripens to the very center, skin striped with dark and light green. Vines strong, healthy, and of vigorous growth, very heavy cropper, flesh bright red, tender melting, luscious, crisp and very sugary. It is an excellent keeper and bears transit well. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Kentucky Wonder—In shape it is oblong, skin dark green marbled in stripes of dark green; flesh a beautiful scarlet color, crisp, tender rich and sugary flavor. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

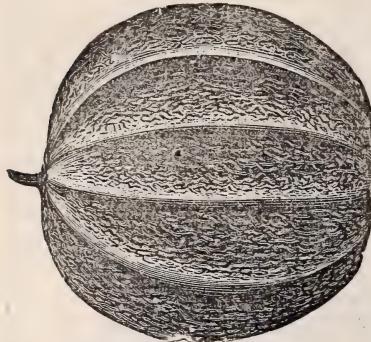
Mountain Sprout—Long striped. Scarlet flesh, good quality but not quite as early as the Mountain Sweet. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Phinney's Extra Early—None of the early sorts of recent introduction surpass this old favorite, first to ripen; good size, productive, shape oblong, flesh a deep red; a first class early market melon. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c.



LARGE HACKENSACK

Montreal Market—The fruit is one of the largest size, often attaining a weight of 25 to 30 pounds; shape nearly round, flattened at the ends, deeply ribbed, flesh remarkably thick, green melting and of fine flavor. For the main crop there is nothing better. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c; lb \$1.00.



Early Christina.

Early Christina—The flesh is dark rich yellow, of the best quality. The flesh is so thick that the seed cavity is remarkably small. It is very early and is rapidly becoming the general favorite. **WHEN RIPE THE MELONS ALWAYS SEPARATE FROM THE STEM.** Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c; lb \$1.00.



Musk Melons.

Plant in hills as directed for watermelons, and treat in all respects the same except that the hills need not exceed 5 or 6 feet apart.

The Emerald Gem Melon—Entirely distinct, extra early and very prolific. The skin white ribbed is perfectly smooth and of a very deep emerald green color, flesh salmon color, and very thick, ripens thoroughly to the rind and is very juicy and rich, flavor sweet, delicious, the vines hardy and thrifty in growth, very prolific, bearing the melons near the root and matures very easily. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c; lb 70c.



Emerald Gem.



MONTREAL MARKET

Rocky Ford Melon



ROCKY FORDS

Our Own—This is the best yellow fleshed musk melon. It is far superior to the Shum-way Giant or New Giant. It is almost as large, heavier and more solid. Its appearance while growing is similar to the Columbus. Outside is a light green turning a cream white when ripe with a beautiful salmon colored meat, very rich and sweet. It is very productive, yields double the amount to the acre than a nutmeg melon does. Seeds as large as those in a summer crookneck squash. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c; lb \$1.00.

An improved netted Gem melon with sweet green flesh. In the hands of Rocky Ford, Col., growers it has made that state famous in eastern markets for melons of unequalled quality. Our seed was grown for us at Rocky Ford and saved especially for seed purposes. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c.

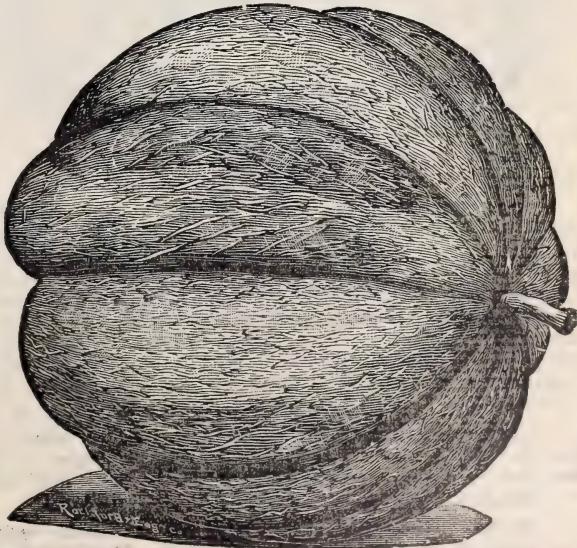
Livingston's Market.

Has beautiful, close, strong netting; a vigorous grower, very hardy, withstands drouth, blight and bugs remarkably well. An attractive and quite distinct variety. Very prolific, uniform in size, and has a long fruiting season. Fruit solid; small seed cavity, seldom bursts; green-fleshed; flavor splendid. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 30c; lb. \$1.00.

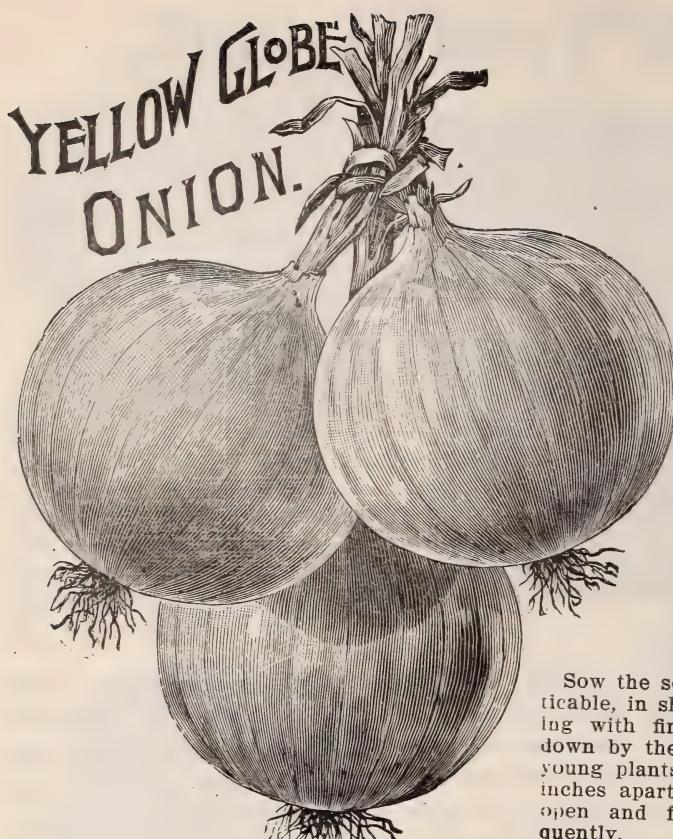


BAY VIEW

Bay View—One of the largest and best flavored cantelopes grown. Under ordinary cultivation, fifteen to twenty tons are raised to the acre, the fruit averaging ten to fifteen pounds each. Pkt 5c; oz 10c; lb 80c.



Our Own.



Danver's Yellow Globe—The best yellow variety grown, early, productive, of mild flavor and fine keeping qualities. Pkt 5c; oz 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

Large Red Wetherfield—A well known sort, grows to a large size, very productive and an excellent keeper. Pkt 5c; oz 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.40.

Australian Brown—The color is a beautiful dark brown; is entirely distinct from any

Prize Taker Onion—This is the large, beautiful Spanish Onion. They are of enormous size, averaging 14 to 16 inches in circumference. Although of such great size, it is very hardy, and a very fair winter keeper. The outside skin is of a rich yellow color, while the flesh is white, sweet and tender. They bottom well and are free from stiff necks, and have produced more bushels of marketable onions to the acre than any other variety in America. Beware of imported spurious seed. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.40.

Large Red Globe—A variety maturing as early as the flat sort; globe-shaped, skin deep red, flesh mild and tender; very handsome in appearance. Pkt 5c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.40.

White Globe—A large, globe-shaped onion; firm, fine grained, of mild flavor; keeps well. This is one of the handsomest onions grown, of beautiful shape, clear white skin, and commands the highest market price. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c, lb. \$2.00

ONIONS

To a greater extent than any other vegetable, save one, does the value of this crop depend almost solely upon the quality of the seed sown. Realizing this we have taken the greatest care in selecting our stock and can confidently recommend them to all our customers—those who use large quantities as well as those who use small—as being unsurpassed for quality, germination and trueness; being grown for us solely by men of years of experience in raising this important seed.

Our seed will produce full sized onions the first year of sowing, for which purpose sow four or five pounds to the acre. For growing small sets our seed is equally good, and should be sown for this purpose at the rate of about 25 pounds to the acre.

Sow the seed as early in the spring as practicable, in shallow drills one foot apart, covering with fine soil, which should be pressed down by the use of a light roller. When the young plants are strong enough, thin out two inches apart; keep the surface of the ground open and free from weeds by hoeing frequently.

other sort. Its greatest feature however, is its wonderful keeping quality. It remains hard and solid until late in the spring. It is very early and of the best quality; remarkably fine grained and mild flavored. It is well suited for growing by the transplanting method, for which purpose it has become a favorite sort, maturing the crop fully a month earlier than such sorts as Red Wethersfield. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.20.



Large Red Weathersfield.

Mammoth Silver King—Of attractive shape as shown in our illustration, with silver white skin and flesh of most agreeable, mild flavor. It reaches a larger size than any of the flat white varieties frequently measuring twenty inches in circumference and weighing three to four pounds. Pkt 5c; oz 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00

White Portugal or Silverskin—A mild variety; grown extensively for pickling. Pkt 5c; oz 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

White Tripoli—Very pure white skin, flat mild flavored and very large. Pkt 5c; oz 20c; $\frac{1}{4}$ lb 60c; lb. \$2.00

Early Red—A trifle smaller but fully ten days earlier than the Large Red Wethersfield, of mild flavor and a good keeper. Pkt 5c; oz 20c; $\frac{1}{4}$ lb 40c; lb. \$1.40



Mammoth Silver King.

Red Bermuda—Of immense size and most beautiful form, skin thin and of rich blood color; flesh white, fine grained, mild and pleasant. The first season from seed it will grow an onion from one to one and one-half pounds, but to attain the full size, the bulbs should be set the following spring.

Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb 50c; pound \$1.50.

ONION SETS.

One quart to 25 to 45 feet of drill; $\frac{1}{2}$ to 12 bushels, depending on size, to set an acre in drills.

Express or freight charges always to be paid by the purchaser.

Top or Bottom Sets, Yellow Bottom Sets, Red Bottom Sets, White Bottom Sets, and Kansas Multipliers—Market price.

On account of the early publication of this catalogue, and the uncertainty of the market, we cannot give prices on onion sets, but will guarantee to fill orders as low as any other house.



MUSTARD

A pungent salid used for cress. The seeds used for flavoring pickles, etc. Sow in April thickly in rows and cut when two or three inches high. For use during winter, it may be sown in succession in boxes, in green houses or in frames.

Black or Brown—Stronger than the white. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 15c; lb 40c.

White—Best for culinary purposes and for salads. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 15c; lb 40c.

PARSLEY.

Parsley is used for flavoring soups and garnishing. It requires deep rich soil. The seed is slow to germinate and should be given most favorable conditions. Sow in rows one foot apart and half an inch deep. For winter use a few plants placed in a box in the cellar will give a supply.

Double Curled—A beautiful curled dwarf variety, highly esteemed for garnishing. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 25c; lb 80c.

Champion Moss Curled—This is a most

beautiful and valuable variety. The moss-like leaves are finely crimped and curled. For garnishing no variety is more attractive. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 25c; lb 80c.

OKRO or GOMBO.

The young seed pods of this plant are used in soups, or stewed like asparagus.

Dwarf—Prolific, early, long podded and productive. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 25c; lb 75c.

Tall—Pkt 5c; oz 10c; $\frac{1}{4}$ lb 25c; lb 75c.



Sow Parsnip seed as early in the spring as the weather will permit in drills 15 to 18 inches apart, covering with fine soil to the depth of half an inch; the soil should be rich and deep manured if possible the previous autumn. Thin out the young plants to about six inches apart and keep the surface of the ground open and free from weeds. Aside from its merits as a table vegetable, the parsnip is one of the best and economical roots for field culture as it not only produces an abundant and almost certain crop, but furnishes the most nu-

tritious food for cattle, particularly adapted for, and relished by dairy stock. It is perfectly hardy, and will remain in the ground during the winter; indeed, the fine sugary flavor is only perfected by a severe frost.

Long Smooth or Hollow Crown—The standard table sort; the best and most productive for field culture. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 50.

Long White Dutch—Roots very long and smooth; hardy and keeps through winter without protection. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 50c.

PARSNIPS.

GARDEN PEAS

The pea is very hardy and will endure a somewhat heavier soil. Avoid fresh manure great amount of cold, either in or above the ground; and it is well to sow some of the earliest varieties as soon as possible—the sooner the better—in warm light soil, prepared the previous autumn. The general crop may be sown about two weeks later, and on

and very rich soil, as they cause the vines to grow too rank. Sow peas in drills about 4 inches deep. The drills must not be nearer than two feet, except for the lowest sorts. Those growing three feet high or more should not be nearer than three or four feet, and should have brush for their support. One pint will sow 40 feet of drill; two bushels for an acre, in drills three feet apart.

Early Extra Sorts

Improved Tom Thumb—As its name indicates is an improvement on the Tom Thumb, so long and favorably known to the trade. This stock for purity, earliness, dwarf

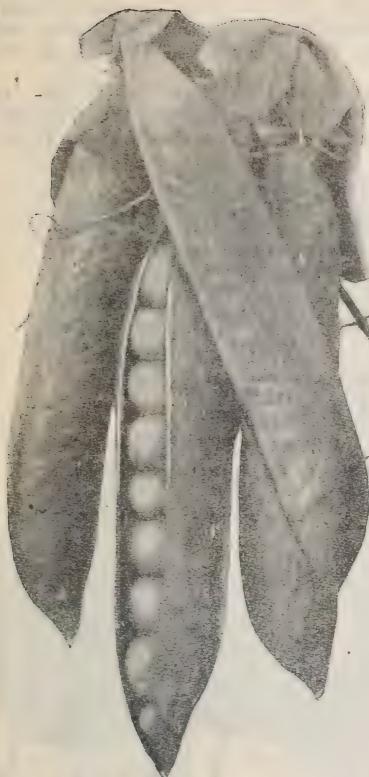


habit and evenness of growth, is unequalled by any other. Pkt 5c; pt 25c; qt 50c; pk \$1.50

Alaska—This beautiful blue market pea has become a standard variety and the earliest of all peas. The vines are dwarf, growing only about 20 inches high; very uniform, maturing

the crop for one picking; of excellent quality, and retains its desirable color after cooking. Pkt 5c; pt 25c; qt 40c; pk \$1.50.

Our First and Best—This stands at the head of the first early sorts, it is unsurpassed in extra earliness, productiveness, freedom from



Everbearing—A variety maturing very soon after the Gem, and continuing a long time in bearing. Vine stout, about 18 inches high, bearing at the top six or 10 pods. Peas wrinkled, large, cook quickly, and very tender, superior flavor, though not so sweet as some. Pkt 5c; pt 25c; qt 40c; pk \$1.50

Carter's Stratagem—Seed green, square wrinkled, height two feet, vigorous, branching habit; remarkably luxuriant foliage, leaves usually large sized, under favorable conditions an enormous cropper; pods long, well filled with seven to nine peas of the largest size, extra fine quality. Not only one of the most elegant and showy peas in cultivation, but the most desirable acquisition of its class for the last number of years. Pkt 5c; pt 25c; qt 40c;

Bliss Abundance—Seed green, wrinkled height 20 inches, time ripening, medium. The chief characteristic of this pea is its remarkably strong, vigorous, branching habit and unusual productiveness, often sending out three or more branches; pods of fair size, well filled with peas of good quality. For those wishing a pea of unusual productiveness and of good quality, they are in every way desirable. Pkt 5c; pt 25c; qt 40c; pk \$1.50

Royal Dwarf Marrowfat—A sturdy variety, prolific and of good quality, vines 18 inches high, foliage strong and dark, maturing about 70 days after germination. Pkt 5c; pt 25c; qt 40c; pk \$1.00; bu \$2.50.

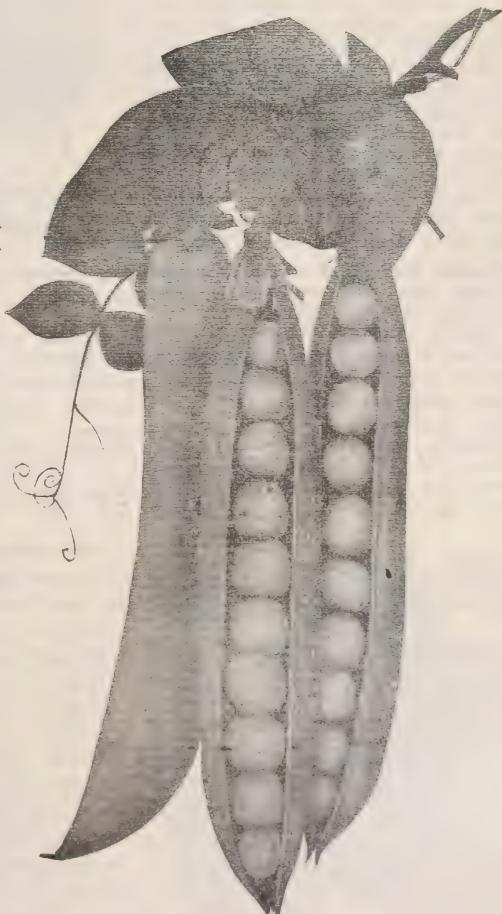
runners. It grows from eighteen inches to two feet high, and will mature for table forty-five days from germination. Pkt. 5c; pt. 25c; qt. 40c; pk \$1.50.

McLean's Little Gem—A very desirable early dwarf, green wrinkled variety, growing about 15 inches high. When in a green state, it is very large, sweet and of a delicious flavor. Pkt. 5c; pt. 25c; qt. 40c; pk. \$1.50.

Bliss American Wonder—This variety is a cross between the Champion of England and McLean's Little Gem, and combines the quality of its parents. It is the earliest wrinkled pea in cultivation, and a superior cropper, bearing larger pods than the other sorts, and having from 6 to 9 large peas in a pod. The vines are from 10 to 12 inches high, and of robust habit; our seed is true coming from the original stock. Pkt. 5c; pt. 25c; qt. 40c; pk. \$1.50.

Nott's Excelsior—An extra early dwarf green wrinkled sort of superior sweetness and quality; vines are larger and more vigorous than American Wonder, and yield one quarter more in shelled peas. Pkt. 5c; pt. 25c; qt. 40c; pk. \$1.50

Gradus—Far superior to all smooth varieties, and can truthfully be described as having no equal for delicious flavor; vines vigorous and bear abundantly; long, well developed pods containing 8 or 10 large peas, two and a half feet. Pkt 10c; pt 25c; qt 60c; pk \$1.00



Champion of England—Of the wrinkled varieties, probably more generally used than any other, delicious flavor, and a large bearer; usually accepted as the standard in flavor, height five feet. Late. Pkt 5c; pt 20c; qt 35c; pk \$1; bu \$3.50.

White Marrowfat—One of the oldest varieties

in cultivation, and a favorite market sort; about four feet high, and well filled with very large pods. Pkt 5c; pt 20c; qt 35c; pk 75c; bu \$2.50.

Black Eyed Marrowfat—Similar to the White Marrowfat in all points except it has a dark eye. Pkt 5c; pt 20c; qt 35c; bu \$2.50.

RADISH

All the varieties thrive best in light, sandy loam. For early use sow in hot-bed in February, giving plenty of ventilation, or outside in drills as soon as the soil can be gotten in order, covering the seed about half an inch deep. Sow every two weeks from March to September for a succession. They must grow rapidly to be crisp, mild and tender.

One ounce sows 100 feet of drill, 8 to 10 pounds for an Acre.

SCARLET GLOBE RADISH

A favorite with market gardeners as a forcing radish, very early, handsome color, mild flavor, crisp, juicy and tender; has a very small top, and will stand a great amount of heat without becoming pithy. It is also becoming an excellent variety for garden culture. Pkt 5c; oz 10c; 1/4 lb 20c; lb 80c.

Early Scarlet Olive Shape—In the form of an olive, terminating in very slim tap-root. Skin fine

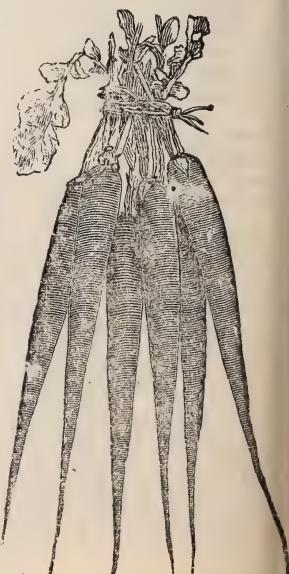
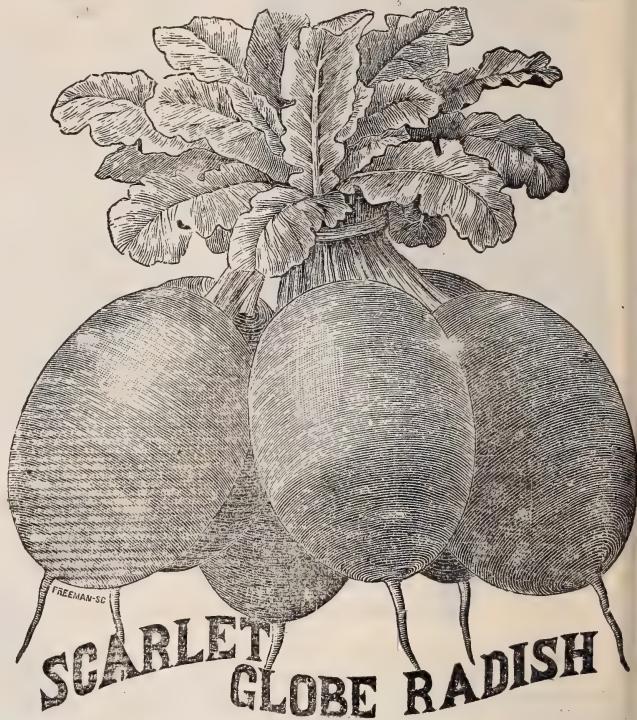
scarlet, flesh rose colored, tender and excellent. Long Scarlet Short Top—This is the best Early and well adapted to forcing. Pkt 5c; standard variety for family gardens or for market use. It

Early Turnip, White—A little fatter in shape than the preceding, and pure white in inches long, half cut color, with a very small top. Flesh pure white of the ground, very and semi-transparent. Pkt 5c; oz 10c; 1/4 lb brittle and crisp color, or bright scarlet; 20c; lb 60c.

Early Scarlet Turnip—A small, round, red small top, straight turnip shaped radish with a small top and of smooth. Pkt very quick growth; mild and crisp when young. 5c; oz 10c; 1/4 lb 20c; lb 60c.

Extra Early Erfurt Turnip—An improvement over the Scarlet Turnip. Its shape is of the best of the round sort; color of the skin, very dark red; white flesh with small tap root. The best for forcing. Pkt. 5c; oz. 10c; 1/4 lb. 20c; lb 60c.

New White Strausburg—A very desirable summer variety; comparatively new, very much liked by our market gardeners, all claiming it to be one of the quickest growing radishes; both skin and flesh pure white, firm and brittle, grows to a large size and withstands severe heat. Pkt 5c; oz 5c; oz 10c; 1/4 lb. 20c; lb 60c.



Long Scarlet Short Top.

French Breakfast—A very brittle, crispy and tender; of oval form, bright scarlet, white tipped and very handsome sort. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Early Scarlet Turnip, White Tipped—Similar to the early round scarlet save that it has the white tail or tip, and is a prettier radish than the Early Scarlet Turnip on the table. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Long White Vienna or Lady Finger—Beautiful in shape; skin and flesh snow white, crisp and tender in summer. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Icicle—A beautiful transparent white variety, about three inches long and half an inch in diameter, with small tops; very crisp and brittle, and remains in good condition a long time; does not get pithy. Suitable for forcing. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.



Beckert's Charter—This is the most beautiful of all the long summer radishes; color bright scarlet, shading off to a pure white at the bottom; a decided novelty and worthy a place in every garden; it is very crisp, tender and mild flavor, and if left grows to a very large size. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

Rose China Winter—Form cylindrical, or large at the bottom, tap root. Skin very smooth, and a bright rose color. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

California White Mammoth—A giant white-fleshed, tall radish. It grows from 8 to 12 inches in length and about two and a half inches in diameter, the flesh being solid, tender and of good flavor. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Long Black Spanish or Fall—Sow about the last of the summer for fall or winter use. Grows to a large size, quite solid. Pkt 5c; or 10c; $\frac{1}{4}$ lb 20c; lb 60c.

SALSIFY=Vegetable Oyster.

The long white, tapering root of Salsify resembles a small parsnip, and when properly cooked it is a good substitute for oysters in taste and flavor, and it is very nutritious. In cooking, the roots are usually boiled, or they can be mashed and made into fritters. It succeeds best in light, well enriched soil. If it is necessary to use manure, it should be very fine and well rotted.

Sow early in drills 18 inches apart. The roots are perfectly hardy, and may remain out all winter. They are best after frost has touched them.

One ounce for fifty feet of drill.

Long White—Pkt 5c; oz 10c; $\frac{1}{4}$ lb 30c; lb \$1.

Mammoth—(Sandwich Island)—A very large superior variety. Mild and delicately flavored. Pkt 5c; oz 15c; $\frac{1}{4}$ lb 40c; lb \$1.50.

PEPPER.

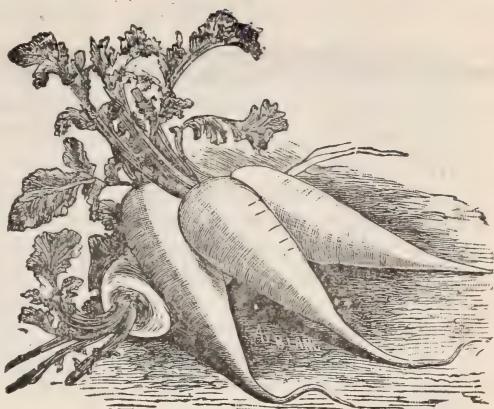
Should be sown in hot-beds early in April, and transplanted in open ground as soon as the weather permits. The plant should be set in warm mellow soil in drills two feet apart and about two feet apart in the rows, or may be sown in open ground soon as weather permits, and all danger of frost is over.

Golden Dawn Mango—A new variety resembling the large Bell in shape but more delicate in flavor. In color, a rich golden yellow. Pkt 5c; oz 20c; $\frac{1}{4}$ lb 70c; lb \$2.40.

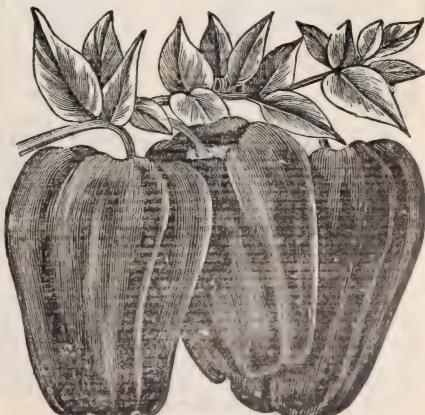
Long Red Cayenne—A long, slim pointed pod, and when ripe of a bright red color. Extremely strong and pungent. Pkt 5c; $\frac{1}{2}$ oz 20c; $\frac{1}{2}$ lb 70c.

Cayenne—For making Capenue Pepper Sauce. Small Pungent, used more than any other for making pepper sauce. Pkt 5c; $\frac{1}{2}$ oz 20c; $\frac{1}{2}$ lb 70c.

Monstrous Mammoth—Similar to the Large Bell, but larger, sweeter, and milder flavor. Pkt 5c; oz 20c; $\frac{1}{4}$ lb 70c; lb \$2.40.



New White Strausburg.

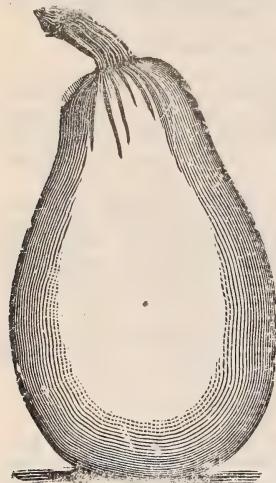
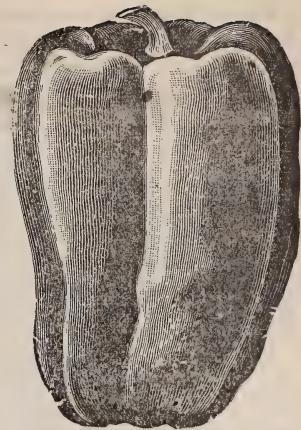


Ruby King.

Large Bell—A large early variety of pleasant flavor. Pkt 5c; oz 20c; $\frac{1}{4}$ lb 70c; lb \$2.40.

Ruby King—The peppers are of a bright red color $4\frac{1}{2}$ to 6 inches long, by $3\frac{1}{2}$ to 4 inches in diameter, which makes it one of the largest of peppers. The plant is of a strong, bushy habit producing from 6 to 12 perfect fruits. Pkt 5c; oz 20c; $\frac{1}{4}$ lb 70c; lb \$2.40.

Chinese Celestial—A most useful pepper and one of the most beautiful plants in existance. The plant begins to set peppers early and continues until frost, branching freely, and bearing profusely. The pods are upright, conical in shape and a vivid scarlet, making a plant of striking beauty and odity. Peppers are two to three inches long, sharp flavor, and superior for any of the uses to which peppers can be put. Pkt 5c; oz 25c; $\frac{1}{4}$ lb 75c.



PUMPKINS

Tennessee Sweet Potato Pumpkin—An excellent variety for pies, pear shaped, medium size, flesh and skin creamy white, fine grained, very sweet and delicious, a first rate keeper. When cooked it has somewhat the appearance of sweet potato, but of a more delicious taste. Pkt 5c; oz 10c; lb 60c.

Kentucky Field—Very productive; largely grown for feeding stock. Pkt 5c; lb 40c.

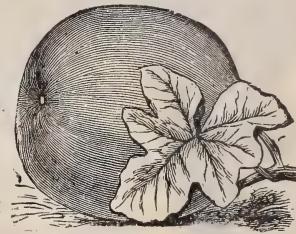
Connecticut Field—One of the best for field culture; can be grown with corn; largely used for stock for winter feeding. Pkt 5c; lb 6c.

Mammoth Tours or Jumbo—Grows to an enormous size often weighing 150 pounds; very productive, flesh salmon color, good keeper, desirable for cooking purposes or for stock feeding. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Ohio Pie—Superior to any other for table use, and the only pumpkin grown in the west that will make a Thanksgiving pie. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Japanese Pie—The flesh is very thick nearly solid, the seed cavity being very small in one end of the pumpkin; usually fine grained, dry

and sweet, having much the same taste and appearance as sweet potatoes. They ripen early, keep well, and produce largely. The seeds are peculiarly marked and sculptured in Japanese characters. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.



Connecticut Field.



Large Cheese.
About the most desirable variety for culinary purposes light yellow with very thick sweet brittle flesh, and a most excellent keeper. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

CASHAW.

A very prolific variety, resembling in form the Winter Crook-neck Squash although growing to a much larger size, frequently weighing 60 pounds and over, color light cream, flesh salmon color. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.



SQUASH

The squash is one of the most nutritious and valuable of all garden vegetables. The summer varieties come to the table early in the season and are very palatable, while the winter sorts can be had in perfection from August until the summer varieties are again in condition. Few farmers appreciate the value of the winter squash, as food for stock. We think an acre of squash, costing no more to cultivate and much less to secure will give twice as much feed available for feeding stock as an acre of corn, and we strongly urge our readers to try a "patch" for this purpose.

Hubbard—Well known and liked for late use, of superior quality, large size, color green, marked with orange, flesh dry, fine grained and of fine quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 30c; lb. \$1.00.

Giant Golden Summer Crookneck—Bright yellow; warty; bears early and all summer; very desirable for market or private gardens; an improvement in size over the old sort. Pkt. 5c; oz. 10c, $\frac{1}{4}$ lb. 25c; lb. 85c.



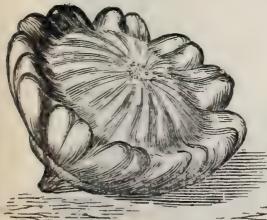
HUBBARD SQUASH

Early Bush Scallop—Good early summer squash but requiring little room and bearing abundantly. Plant in hills 3 feet apart. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 80c.

Mammoth Chili—Grows to an immense size; often weighing 200 pounds; excellent for pies or feeding stock. Pkt. 5c; oz 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Summer Crookneck—One of the best, very early and productive. The richest summer squash. Plant in hills four feet apart. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 80c.

Pine Apple—Vine vigorous and hardy not coming into bearing until late in the season and then producing fruit at nearly every joint, making it one of the most productive kind grown. The fruit is of a peculiar shape with projecting ribs in pairs. Skin creamy white; flesh very thick and with a peculiar flavor on which account it is much liked for pies, although it is also used green like the summer squashes, and baked and stewed like the winter kind. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.



Early Bush Scallop

Descriptive List of Tree Seeds.

Red Cedar—Grown in all sections, very with thorns and the other thornless. Oz 10c; valuable timber, a fine ornamental tree. Oz 10c; $\frac{1}{4}$ lb 25c; lb. \$1.00.

Pine Scotch—One of the most valuable of European varieties. Oz 20c

Spruce Norway—A very popular variety from Europe. Oz 15c;

Arbor Vitae American White Cedar—Oz 20c

Catalpa Hardy—Of the trees that have been suggested as adapted to the formation of timber plantations, the Catalpa species stands pre-eminent. Oz 10c; lb 80c

Locust Honey—There are two varieties, one

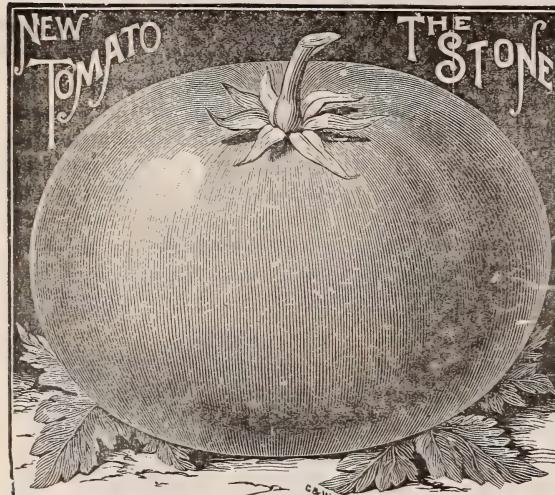
Locust, Yellow or Black—This variety is noted for its rapid growth of hardy and durable timber. Oz 10c; lb 60c.

Box Elder—A medium sized tree of extreme rapid growth. Oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Mulberry, Russian—It is easily cultivated, hardy, a good grower, and if kept in dwarf form will make a fine hedge. Oz. 10c; $\frac{1}{4}$ lb 30c; lb \$1.00.

Russian Apricot—Valuable on account of its extreme hardiness of trees, and fine qualities of fruit. Oz 10c; qr lb 15c; lb 40c.

TOMATOES.



About the first of May, in this latitude, exceedingly solid and firm fleshed (as its name indicates) it is an excellent shipper, quality plants may be set in open ground. They are planted for early crops on light sandy soil, at the very best; fine for canning. Pkt 5c; oz 20c; $\frac{1}{4}$ lb 60c; lb \$2.00.

New Stone Tomato—The New Stone Tomato ripens for main crops; it is very large and a bright scarlet color; very smooth with occasionally a specimen slightly octagon shape, ripens evenly to the stem without a crack; ex-

One ounce for 1,500 plants; $\frac{1}{4}$ pound (to transplant) for an acre.

This vegetable is now one of the most important garden and market products. The seed may be sown in a hot-bed, green-house, or inside the window or sitting room, where a temperature of not less than 60 degrees is kept; the first week in March. When the plants are about two inches high they should be set in boxes three inches deep, or into small pots, allowing a single plant to a pot. If transplanted a second time into larger pots, the plants are rendered more sturdy.

Livingston's Beauty—It is an extra early, growing in clusters of four or five; glossy crimson partaking of some of the characteristics of the acme; solid, retains its color and size late in the season. Pkt 5c; oz 20c; $\frac{1}{4}$ lb 60c; lb \$2.00.

NEW TOMATO—Crimson "Cushion," Large.

The earliest large tomato.

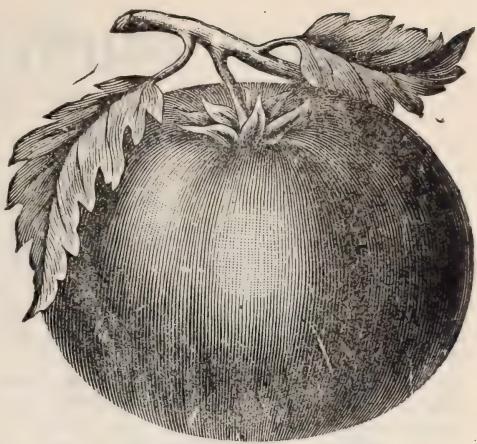
The color is brilliant scarlet crimson tinged with purple, and ripens up almost completely to the stem. The "Crimson Cushion" is almost seedless, requiring from 10 to 12 bushels of ripe fruit to produce but one pound of seed, whereas a pound of seed is realized from 3 bushels of ordinary tomatoes. These figures tell better than any description the "seedless" character of this grand variety. The flesh is firm and "meaty" and of superb quality. It is enormously prolific, and wonderfully earley for so large a tomato. Pkt 10c; oz 30c; $\frac{1}{2}$ lb \$1.00.



Acme—Rich glossy crimson, tinged with purple; perfectly smooth; one of the earliest. Pkt 5c; oz 25c; $\frac{1}{4}$ lb 75c; lb \$2.50.

Trophy—Well known as one of the best. Vines of medium size, but producing compact clusters of fruit in immense quantities, fruit large, smooth, of bright red color, solid and good flavor. Pkt 5c; oz 20c; $\frac{1}{4}$ lb 60c.

New Buckeye State Tomato—Is the largest fruited variety we have ever grown. It averages at least one-half larger than the Livingston Beauty. It is also smooth and uniform. It is unquestionably the heaviest cropper known. The tomatoes are born in immense clusters of four to eight fruits, and occasionally ten large fruits have been found on a single cluster. In time of ripening it matures with the Livingston Stone. In solidity and neatness it has no equal, while in luscious quality none surpass it. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb 75c; lb. \$2.00.



Livingston Perfection—Very large and early; blood red, perfectly smooth, thick meat, few seeds, a good shipping sort; really one of the best of all the best Livingston tomatoes of which we now have so many strains. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

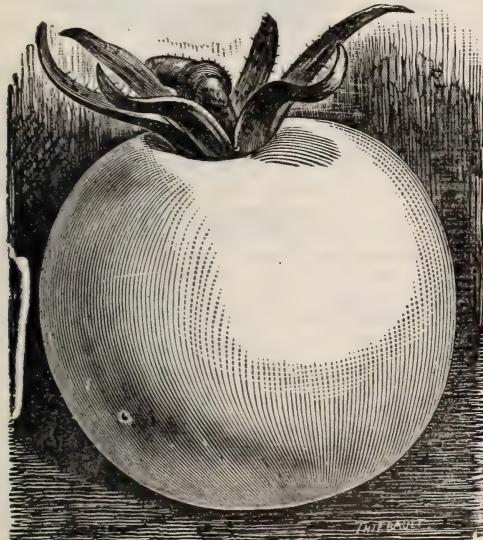
Dwarf Champion—Of dwarf, stiff, distinct upright growth, scarcely needing support, early and prolific, smooth medium sized fruits of pinkish purple color. Pkt 5c; oz 25c; $\frac{1}{4}$ lb 75c; lb \$2.50.



Golden Ball Tomato.

It is a round golden variety and no other yellow sort can approach it in quality. Smooth as an apple and of a handsome smooth golden color. It will stay on the vine weeks after ripening before rotting or falling off the vine. Pkt 5c; oz 25c; $\frac{1}{4}$ lb 75c.

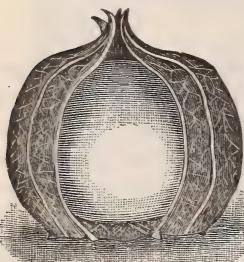
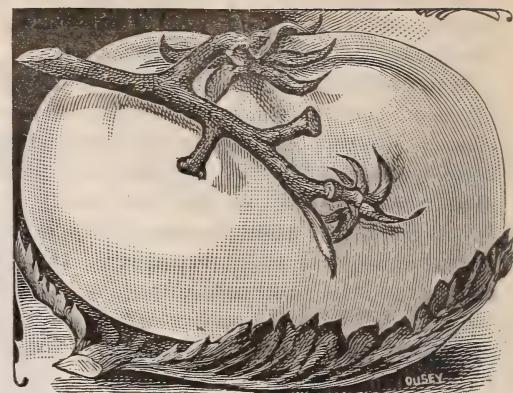
Yellow Plum—Shape uniformly oval and perfectly smooth, color lemon yellow; used for preserves. Pkt 5c; oz 25c; $\frac{1}{4}$ lb 75c.



YELLOW PRINCE TOMATO

This new Tomato completes the list of upright or dwarf growing sorts. Its rank and sturdy growth makes it very interesting to cultivate and this with its beauty and usefulness will delight every lover of a good garden. On account of its manner of growth a dozen plants occupy only two yards square. It is as early as the Dwarf Champion.

The texture is solid and flavor very desirable. Pkt. 10c; 3 pkt. 25c; oz. 50c.



Purple Husk Tomato—This new and beautiful variety produces fruit in great abundance, from one to two inches in diameter, enveloped with a husk. Pkt. 5c; $\frac{1}{2}$ oz. 20c; oz. 35c.

Pot, Sweet and Medical Herbs

Anise—Cultivated for garnishing and seasoning, like fennel. Pkt. 5c; oz. 10c.

Basil Sweet—The leaves and tops of the shoots are the parts gathered and used for highly seasoned dishes, as well as in soups, stews and sauces. Pkt. 5c; oz. 20c.

Dill—The leaves are used in soups and sauces; also put along with pickles. Pkt. 5c; oz. 10c.

Fennel—The leaves form a beautiful ornament. Pkt. 5c; oz. 20c.

Majoram, Sweet—For seasoning. Pkt. 5c; oz. 20c; lb. \$2.00.

Sage—The leaves and tender tops are used in stuffings and sauces. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c.

Saffron—Pkt. 5c; oz. 10c; lb. \$1.00.

Savory Summer—Used for seasoning. Pkt. 5c; oz. 20c.

Thyme, Broad Leaved—For seasoning. Pkt. 5c; oz. 40c.

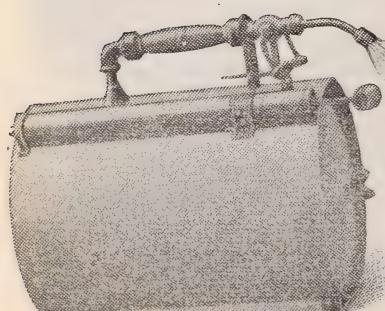
Wormwood—Used for medical purposes; it is also beneficial to poultry and can with good results be planted in poultry grounds. Pkt. 5c; oz. 25c.

TOBACCO

Connecticut Seed Leaf—This variety is a staple crop. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

Missouri Broad Leaf—A well known standard sort. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

The Lowell Fountain Compressed Air Sprayer.



It works with compressed air and does not require constant pumping like other sprayers.

The new 1905 AUTOMATIC THUMB LEVER VALVE shuts off instantly.

It is the handiest to use on account of its compact form.

No complicated parts to get out of order.

ALUMINUM FINISH. Working parts are made of BRASS.

Tree attachment and galvanized funnel with brass wire strainer furnished with each sprayer.

Each \$5.00.

TURNIPS

This wholesome and agreeable vegetable has been cultivated from time immemorial as a field crop, and is one of the staple products of the farm. It is most easily affected in its form and flavor by soil, climate and mode of culture. There are a great many varieties, but we have selected the following as the best for the garden or farm.

Extra Early Milan—A new early white variety with purple top and strap leaf. Mild and sweet; remain in good condition for a long time. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 25c; lb 75c.



Purple Top White Globe—A variety of decided merit. Of globular shape; very handsome and of superior quality either for the table or stock. It is a heavy producer, early, of rapid growth and an excellent keeper. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Amber or Yellow Globe—One of the best of general crop, flesh firm and sweet, grows to a large size, excellent for table use or stock, and keeps well until late in the spring. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 50c.

RUTA BAGA VARIETIES

Improved American—(Purple Top)—Very hardy and productive, flesh yellow, sweet, good for stock or table use. Pkt 5c; oz 10c; qr lb 20c; lb 50c.

Long Island Improved Purple Top—This is mulch with straw on the approach of severe cold weather. undoubtedly the finest variety of purple top Ruta Baga, and is twice the size of the ordinary sorts. Pkt 5c; oz 10c; lb 50c.

White Russian—(or Large White Ruta Baga) grows very large; excellent for table or stock. Flesh firm, white and solid; has very rich and sweet flavor. The best keeper of any. Pkt 5c; oz 10c; qr lb 20c; lb 50c.

Pomeranian White Globe—Is one of the most productive kinds. In good rich soil the roots will often grow to 10 pounds in weight; it is the most perfect globe shape, skin white and smooth, leaves dark green and of strong growth. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 75c.

Early Flat Dutch—(Or White Topped Strap Leaved)—Standard variety; good sized, pure white, small top, with but few leaves; very sweet. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 50c.

Purple Top Strap Leaved—The well known popular variety either for family or market use; large size, white, purple above ground; flesh fine grained. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Early White Egg—An egg-shaped for spring or fall sowing; flesh white, firm, fine grained, mild and sweet. Pkt 5c; oz 10c; $\frac{1}{4}$ lb 20c; lb 60c.



Purple Top Strap Leaved.

One ounce for 100 feet of drill. Ten pounds for an acre in drills.

Round Summer—A standard sort with all market gardeners for early spring sowing; it stands the weather well, but is not quite so hardy as the prickly; leaves large, thick and fleshy. Oz 5c; $\frac{1}{4}$ lb 15c; lb 40c.

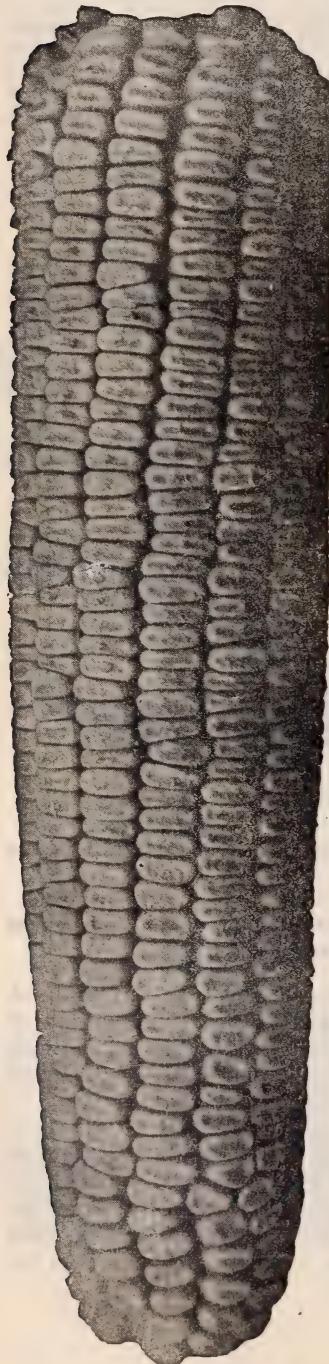
Prickly Seeded—The hardest of all, therefore the best where the winters are severe. Oz 5c; $\frac{1}{4}$ lb 15c; lb 40c.

Improved Thick Leaf—(Niroely)—A decided improvement on Round Summer. Has very thick leaves, of great substance. Oz 5c; $\frac{1}{4}$ lb 15c; lb 40c.

SPINACH

For spring use sow early in drills a foot apart, and every two weeks for succession; as it grows, thin out for use, keeping it clear of weeds. For fall use sow in August; for winter use in September, in well manured ground,

MISCELLANEOUS. FARM SEED AND SEED GRAIN



These seeds being bulky, it is not desirable to send them by mail, but should be sent by express or freight. Our central location gives us superior advantages in shipping. We not only reach our customers more quickly than houses further east, but save them considerable in freight charges, as there is hardly a point in the state that we cannot reach by express or freight saving the expense of transfer from one company to another.

Terms. Cash with order. Two bushel bags 20 cents each. Express or freight charges always to be paid by the purchaser.

STANDARD VARIETIES OF Seed Corn

By express or freight at expense of purchaser. Special prices on large quantities.

Mortgage Lifter—This is a bright yellow corn, red cob, ears perfect in shape and well filled at both ends; kernels large and deep. It is two weeks earlier than any other corn its size we have ever grown. $\frac{1}{4}$ bu 40c; bu. \$1.25.

Golden Beauty—Ears perfect in shape; 10 to 16 rows, grains very large, filled out to the extreme end of the cob; very productive. Per $\frac{1}{4}$ bu 40c; bu \$1.25.

Pride of the North—Yellow Dent, 16 rowed, cob very small and red; kernels closely set upon the cob, above medium size, and of deep orange color. Stalks medium size. The earliest of the Dent varieties. $\frac{1}{4}$ bu 40c; bu. \$1.25.

Pure Gold—The stalks grow 8 to 10 feet high, full dark foliage, setting its ears low, four or five feet from the ground. Usually matures two ears to the stalk, 8 to 12 inches long, cob small, red; grain a bright golden yellow. Ripens in 100 days. $\frac{1}{4}$ bu 40c; bu \$1.25.



Early Yellow rose—The Early Rose shows more vitality and stronger growth than other sorts. The stalks grow 8 to 10 feet high, full dark foliage, setting its ears low, 4 to 5 feet from the ground. Usually matures two ears to the stalk, eight to 12 inches long, cob small, red; grain a bright golden yellow. Ripens in 90 days. $\frac{1}{4}$ bu 40c; bu \$1.25

Improved Leamington—

Stalks of good size, setting two large handsome ears. Kernels very deep orange color; cob very small. Per $\frac{1}{4}$ bu 40c; bu \$1.25

Champion White Pearl—

This is a pure white, extra early variety; maturing in 90 to 100 days, and is a pure dent corn. The grain is extra deep and wide and cob very small. The stalk is short and thick; roots deeply, with ear growing low upon it, thus standing severe storms and drouth well. This is undoubtedly the best variety of white corn. $\frac{1}{4}$ bu 40c; bu \$1.25



Silver Mine Corn

Silver Mine Corn—Stalk grows to a height of about seven or eight feet and sets the ears from the ground. Just the right height for easy picking. It is early, matured last year in less than 110 days. Ears are fine looking very symmetrical, deep kernel, extra fine sheller. Next to Champion White Pearl this is the best White Corn. $\frac{1}{4}$ bu 40c; bu \$1.25

(By express or freight at expense of purchaser.)

If by mail add 10 cents per pound, for postage.

White Kaffir Corn—A non-saccharine variety of sorghum, differing in habits, growth and characteristics from all others. Grows low, stocky and erect; branches from top joint. Resists drouths; makes excellent fodder and in all stages of its growth is available for food. Matures about the same time as Early Amber Cane. Seed heads are well eaten by all farm animals, and yields 50 to 60 bushels of grain per acre. Per lb 5c; per 100 \$1.50

Red Kaffir Corn—This grows taller than the white. The stalks are slender. The heads are long and slender and grow erect. The seed is red, smaller than the white and rather hard and brittle. Per lb 5c; 100 lbs \$1.50

Jerusalem Corn—It is pronounced the best and surest grain crop for dry countries and seasons, even better than Kaffir corn, Dourrha and Milo Maize. It grows about three feet high, makes one large head on main stalk and several smaller heads on side shoots; have seen as high as eight heads on stalk. The grains are pure white and nearly flat. Three pounds will plant one acre. Lb 10c; 100 lbs \$5.00.



Milo Maize

OATS

RED RUST PROOF



AB LANG

This has been our leading variety for several years. It has no equal. It is earlier, hardier and yields more to the acre than any other variety, notwithstanding the claims made by many dealers of the enormous yield the new varieties they advertise will make. Per bu 45c

SPELTZ

A HAY AND GRAIN CROP IN ONE. THE GREATEST NEW GRAIN INTRODUCED IN YEARS. TRY IT. YOU CANNOT AFFORD TO MISS IT.

A comparatively new grain of great value. It yields from 50 to 100 bushels of rich grain per acre, and makes four to six tons of good hay. It will grow well and produce immense crops on poor soil. Dry weather seems to have no bad effect upon it.

After the grain is threshed out the straw makes good hay, as it contains an oily substance which makes it very fattening and much relished by all kinds of stock. The grain has a hull something like barley. The great secret of Speltz is its superior stooling qualities, its strength to resist drought and the elements, and its rich food and hay value. Sow in the spring, the same as wheat, at the rate of sixty or seventy-five pounds to the acre. Cut when the grain is past the middle stages of milk, when it will make splendid grain and lots of rich straw. Thresh like wheat only not so closely. The hull and kernel can be fed whole, rolled like barley, or ground. Price, per bushel 60c.

BARLEY MARKET PRICE

Barley—The most popular variety of Barley grown. It is a six rowed sort, long heads well filled strong straw, is later than the common six rowed, and a heavy yielder. Bu 60c.

Peanuts—As easily raised as corn or potatoes. Produces 25 to 70 bushels per acre. Postage paid per pound 25c.

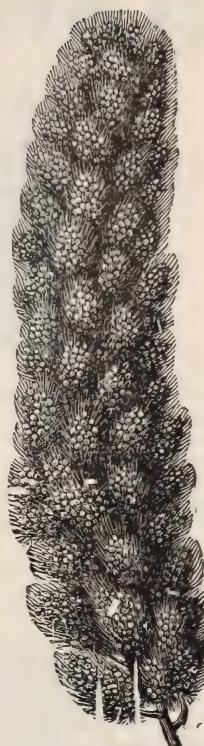
Large Russian Sunflower—Post paid per lb 30c.

Castor Beans—Postage paid per lb 20c

Yellow Milo Maize—Growth is tall—nine to twelve feet, stooling from the ground like the White Milo Maize, but no so much. It sends out shoots also from the joints. Seed heads grow to great size, often weighing three-fourths of a pound, sometimes a full pound after ripe. On account of its branching habit this grain should be planted in 4 or 5 rows, and 2 to 3 feet in the drill, two plants in a hill, 3 to 5 feet apart. Lb 5c; per cwt. \$3.00



Golden Millet—It is an annual grass, its luxuriant leaves being very juicy and tender, and are much relished by all kinds of stock. It makes a very good hay. Sow from one-half a bushel to one bushel to the acre.



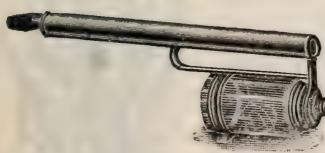
German Millet—The best variety and largely grown wherever its value is known. It helps out wonderfully when a short crop is threatened and produces two or three times as much hay per acre as timothy or clover. Three to five

feet high. Sow broadcast one bushel to the acre for hay; one-half bushel if for seed, from May 1 to August 1.

The true Dwarf Essex Rape is largely grown in the cooler sections of Europe as a fattening food for sheep in the autumn. It is equally as valuable for our climates, and we have found it especially desirable for pasturing hogs during the summer months. In the northern states Seed may be sown at any time from early in the spring until the end of August, but in the warm southern states it should not be sown until September or October for winter pasturage. Sow 10 or 12 pounds per acre broadcast and harrow in lightly, or hogs during the summer months. In the four or five pounds per acre in drills 15 inches apart.

LOWELL GLASS TANK SPRAYER

No Corks to Lose Out--They Have a Screw Cap Where Jar is Filled



A perfectly dry pump—when plunger is drawn back no solution is sucked back into the pump cylinder; this leaves VALVES always DRY and PLIABLE and ready for use, pump cylinder being six inches longer than any other make allows operator to stand up straight and gives no backaches. Will spray up as well as down.

Each sprayer has a large HAND HOLD, AGITATOR, two short straight brass solution tubes, valves are cut from whole hides of best leather. Jar is held by a heavy ONE INCH BAND of XX Tin. No wire band used. Each 75c; by Prepaid Expr \$1.00

CLOVER AND GRASS SEED



Alfalfa or Lucerne Clover—A valuable forage plant particularly adapted to our state. should not be sown on hard compact soil or on land with hard sub-soil, but on sandy, open, porous soil. It finds its natural home on the creek bottoms of Kansas. No other place will produce as much seed to the acre. The great value of alfalfa is in its enormous yield of sweet and nutritious foliage, which is highly relished by stock either when green or cured into hay. Horses, cattle and hogs all grow fat on it. It can be cut three times in a season. Sow 20 pounds to the acre.

Red Clover—This species is regarded as by far the most important of the whole genus for the practical purposes of agriculture, being valuable, not only for a forage plant, but also for its fertilizing qualities on the soil. It has very long and powerful tap-roots; when these roots decay they add largely to that black mass of matter we call the soil. As a forage plant it makes an excellent quality of hay, and can be cut at least twice a year. Sow about 15 pounds to the acre.

Orchard Grass—(*Dactylis Glomerata*). This is one of the most valuable and widely known of all pasture grasses, coming earlier in the spring and remaining later in the autumn than any other. It grows about 2 1-2 feet high

producing an immense quantity of leaves and foliage. Blooms with red clover and making with it a most desirable hay. It is well adapted for sowing under trees in orchards, and very valuable for either grazing or for hay. Fourteen pounds per bushel. Sow 1 1/2 bushels to the acre, either fall or spring.

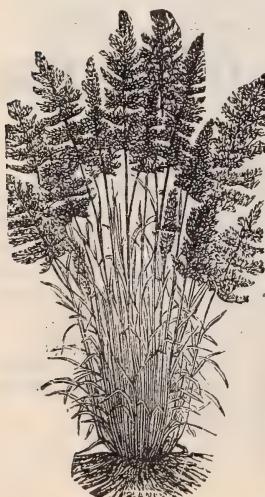
Kentucky Blue Grass—The old standard grass for pasture and lawns. Every farmer knows it and its good qualities. An "old Blue

Grass farmer" of Center, Kentucky says about it: "Whoever has limestone land has blue grass; whoever has blue grass has the basis of agricultural prosperity, and that man if he has not the finest horses and cattle he has no one to blame but himself. He can hardly avoid doing well if he tries." Sow about one bushel to the acre.

Timothy—As a crop of hay, Timothy is probably unsurpassed by any other grass now cultivated. It is greatly relished by all kinds of stock, especially by horses, while it yields a larger percentage of nutritive matter than any other grass or forage plant. Being an early grass, it is well adapted to spring and summer grazing, and if the fall season is favorable it will grow sufficiently to furnish good fall grazing too. Sow 15 pounds to the acre.

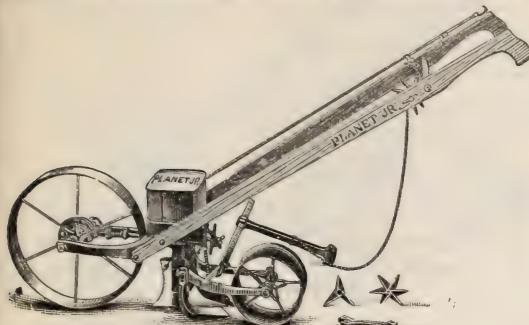
White Dutch Clover—An excellent pasture clover, forming in conjunction with Kentucky blue grass, the finest and most nutritious food for sheep and cows. Sow five or six pounds per acre.

English Blue Grass or Meadow Fescue—This is one of the most valuable pasture grasses we are acquainted with, as its long and tender leaves are much relished by stock of all kinds. It succeeds well even in poor soil, and as its roots penetrate the sod 12 or 15 feet it is not affected except by very dry weather, and is as valuable as fertilizer as red clover. When cured like timothy it yields a superior quality of hay. Notwithstanding its acknowledged merits this grass has been sown only to a limited extent in this country. It is deserving so much more attention than it has heretofore received from American farmers. Sow about one bushel per acre in spring or fall.



"PLANET JR." Farm and Garden Tools.

Space will not permit our showing and describing all of the "Planet Jr." tools but we will send a fully illustrated catalogue free for the asking to any who desire it, and we can supply promptly anything ordered. "Planet Jr." goods are standard machines, the best on the market. In sending your order to us you can rely on getting bottom prices.



"Planet J." No. 4 Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow.

Price Complete \$10.50; as Drill only \$8.50

This admirable tool combines in a single convenient implement a capital hill dropping seeder, a per foot drill seeder, a single wheel hoe, a cultivator and a plow. It holds 2 quarts, and as a seeder is like the No. 3, sowing in continuous rows or dropping in hills at 5 different distances. It is thrown out of gear by simply raising the handles. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe, garden plow or cultivator. It is useful almost every day of the season, at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crops.

A set of three rakes supplied when specially ordered. Price \$1.00

No. 3 Hill and Drill Seeder.
Price \$10.50.

This seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills and also drops in hills at 4, 6, 8, 12 or 24 inches apart. It is thrown out of gear instantly by moving a convenient lever; or, the flow of seed is stopped by pushing down the feed rod. No time is lost, no seed is wasted. It is quickly set to sow different kinds of seed in the exact thickness desired. It covers and rolls down light or heavy, and marks the next row clearly. 15 inch patent steel drive wheel; hopper holds 3 quarts. It runs light and sows equally well with a full hopper or a tablespoonful of seed.

The accurate hill-dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over in seed alone. We guarantee this drill to be more accurate than any other made, and to give satisfaction in every respect.



Planet Jr. No. 17 Wheel Hoe, Cultivator and Plow.

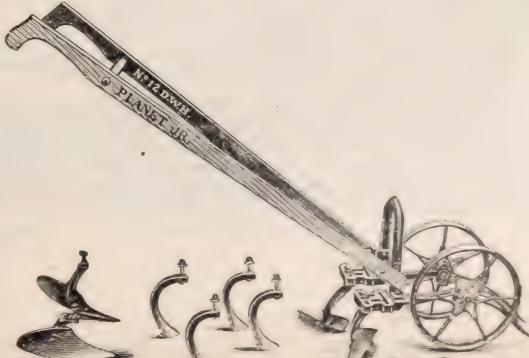
For easy gardening, and at the same time clean and perfect gardening, the kind that will make your garden the talk of the neighborhood and cause your face to glow with honest pride, nothing is quite the equal of No. 17 Wheel Hoe. It is suited to all kinds of garden cultivation and all garden crops. You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

PRICE \$5.00.

Planet Jr. No. 12 Double Wheel Hoe, Cultivator and Plow.

PRICE \$7.00.

This perfected wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of the tools are made with the greatest quickness. It has 11 inch wheels which can be set four different distances apart; the frame is malleable with ample room for tool adjustment and can be set three different heights. The handles are adjustable at any height, and being attached to the arch, are undisturbed in making changes in adjustment in frame, wheels or tools. The arch is of stiff steel, unusually high; the quick change frame permits the tools to be changed without removing the nuts. Five pairs of tools as shown in the cut, go with the complete wheel hoe. All the blades are of tempered and polished steel.



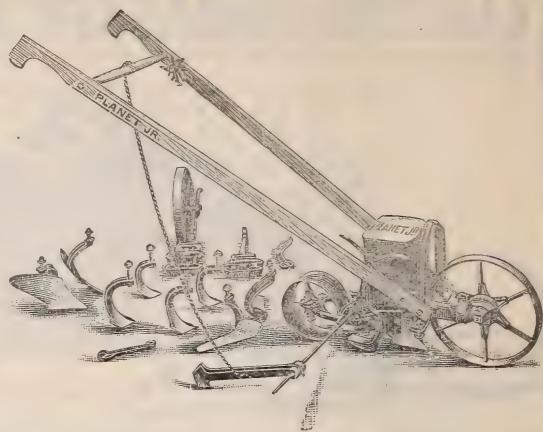
Planet Jr. No. 25 Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow.

This new combined machine is intended for gardeners who have a large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and prefer not to buy separate machines.

As a drill it is almost identical with the Planet Jr. No. 4 Drill, and is thoroughly substantial and accurate in sowing all kinds of garden seeds in hills or drills.

As a Wheel Hoe it is identical with the Planet Jr. No. 12 Double Wheel Hoe, the very best machine on the market. The change from Drill to Wheel Hoe takes but a moment, and the whole combination is one we can heartily recommend and guarantee satisfaction.

Price \$13.50.

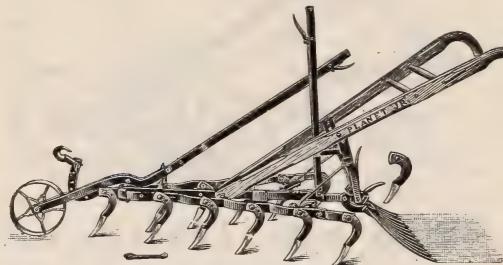


No. 1 1/2 Single Wheel Hoe and Cultivator. Price \$4.50.

This machine is similar to No. 17 except that it has no plow, but it has a leaf lifter. Thousands of them are sold annually for cultivating sugar beets and onions.

No. 18 Single Wheel Hoe. Price \$3.50

This tool has the same frame and handles as No. 17, but has one pair of 6-inch hoes only — the tools that are most constantly used throughout the season. All the other tools can be added as needed.



teeth; it expands to 32 inches. It cultivates without throwing up earth upon the plants, and the smooth, round-throated teeth turn strawberry runners without injuring them. A strawberry Runner Cutter Attachment consisting of a 10-inch flat steel disc mounted on an outrigger extra; price \$1.75.

Planet Jr. 12-Tooth Harrow and Cultivator.

Price Plain, \$5.80. Price with Wheel \$6.90.
Price Complete \$8.50.

This tool has rapidly grown into favor with farmers, market gardeners and strawberry growers. It has a high frame, and the chisel shaped teeth cut an inch wide each. It may be set with teeth trailing.

The foot lever pulverizer is a capital addition for preparing the ground for the seed drill or for plant setting. Hand levers regulate both width and depth while in motion; it contracts to 12 inches and may be further reduced in width by taking off the outside earth upon the plants, and the smooth, round-throated

Planet Jr. No. 8 Horse Hoe.

Price \$8.50.

Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle.

The frame is extra long and extra high, making a tool that will not clog easily.

The Stiff Steel Standards are hollow, with round throats; they polish quickly and free themselves readily from obstructions, and they clasp the frame and strengthen it.

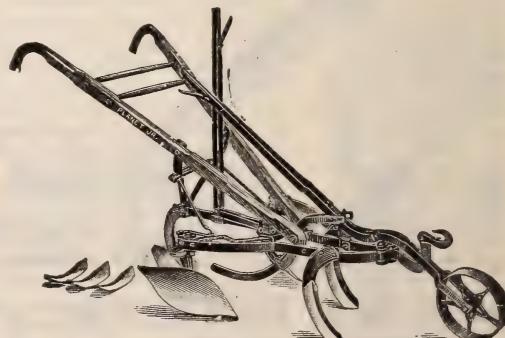
The depth is under perfect control by a new lever wheel and patent depth regulator, moved instantly in unison by a single lever, making exact work, steadying the machine and relieving the operator.

The Expander is an entirely new pattern, superior to all other forms: exceedingly strong and simple, accurate and positive in all positions.

The Handle and Braces are also new, and the most effective and stiffest combination known, at once making the tool rigid, yet allowing every adjustment of handles in height and side wise.

The Reversible Side Hoes, patented, are an important part of the implement. As shown in the cut, they act as plows or hillers, but when turned end for end the tool becomes a genuine horse hoe, working so shallow and so close without injury to the roots, that an immense amount of hand labor is saved.

Every part is perfected to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest. Without depth Regulator, order as No. 7. price \$8.00.



MOUNDRIDGE NURSERY CO.

General Growers of Nursery Stock and Largest Growers of Shade Trees in the West.

J. F. CRIPPEN, Mgr.

Moundridge, Kansas

Send orders direct to Moundridge Nursery Co.

Retail Price List of Moundridge Nursery--High Grade Stock.

Apples whole-rooted budded or grafted.	Each	
Apples, No. 1, 5 to 6 ft.	.15	
Apples, No. 2, 4 to 5 ft.	12½	
Apples, No. 3, 3 to 4 ft.	10	
Crab Apple, No. 1.	25	
Peach, No. 1, 5 to 6 ft.	15	
Peach, No. 2, 4 to 5 ft.	12½	
Peach, No. 3, 3 to 4 ft.	10	
Pears, No. 1, 5 to 6 ft.	40	
Pears, No. 2, 4 to 5 ft.	35	
Pears, No. 3, 3 to 4 ft.	25	
Dwarf pears, No. 1, 4 to 5 ft.	40	
Dwarf pears, No. 2, 3 to 4 ft.	35	
Dwarf pears, No. 3, 2 to 3 ft.	25	
Plums, No. 1, 5 to 6 ft.	40	
Plums, No. 2, 4 to 5 ft.	35	
Plums, No. 3, 3 to 4 ft.	25	
Cherry, No. 1, 4 to 5 ft.	40	
Cherry, No. 2, 3 to 4 ft.	35	
Cherry, No. 3, 2 ½ to 3 ft.	25	
Apricot, budded, No. 1, 5 to 6 ft.	35	
Apricot, budded No. 2, 4 to 5 ft.	30	
Apricot, budded, No. 3, 3 to 4 ft.	25	
Apricot, Russian, No. 1, 5 to 6 ft.	15	
Apricot, Russian, No. 2, 4 to 5 ft.	10	
Apricot, Russian, No. 3, 3 to 4 ft.	05	
Nectarine, No. 1, 5 to 6 ft.	35	
Nectarine, No. 2, 4 to 5 ft.	30	
Nectarine, No. 3, 3 to 4 ft.	25	
Quince, No. 1, 3 to 4 ft.	35	

We wish to introduce our nursery stock in as many homes as possible within the next three months and are willing to make a sacrifice in order to, and will give a small orchard and fruit garden for the remarkable low price of \$2.00, just a little more than enough to pay freight on it, we will prepay freight or express, whichever is the cheapest and best way to ship it.

We guarantee safe delivery. Remember you have your choice in the varieties of fruit, except our trio of peaches, they are new and the best three early and medium early peaches in cultivation, and remember we put in nice trees too for 50 cents extra in each order if wanted, so make out your varieties and send in not later than March 20, 1905.

Following is a list of what we will give

for \$2.00, sent anywhere within 500 miles prepaid.	
2 apples, 3 to 4 ft.	20
2 peaches, 3 to 4 ft.	20
1 cherry, 3 to 4 ft.	35
1 plum, 3 to 4 ft.	25
1 dwarf pear, 2 ½ to 3 ft.	25
1 apricot, 3 to 4 ft.	25
6 raspberry	30
6 blackberry	30
6 juneberry	40
3 pie plant	25
24 strawberry	50

\$3.25

With the first 500 orders we will put in extra, one 2 year strong rose and one Russian Olive, so send in your orders quick and get the rose and olive extra.

Peach on Apricot

We make a specialty of budding peach on apricot, which makes the finest root in the world to put peaches on. It makes a hardy and a more stocky and longer life tree. The roots go deeper into the ground and get more moisture and therefore is bound to raise better fruit. They will thrive on hard land where peach on peach won't grow. They come a little higher, but they are more than enough better to pay the difference.

3 to 4 feet, each.	15
4 to 5 feet, each.	20
5 to 6 feet, each.	25

Write for price on large orders. Liberal discount.

The Moundridge Nursery Co., Moundridge, Kansas, is one of the largest growers of all kinds of nursery stock in Central Kansas, and grows all of its stock on up-land where it grows stocky, gets a better top and root than on bottom land, comes to bearing quicker by one to three years. They also use buds and grafts cut from bearing trees and make a specialty of growing whole root trees. Write for price list and catalogue and save money. We don't ask two or three prices for trees and we will give a liberal discount on all orders sent in before March first except our two dollar proposition. Don't forget we have everything in the nursery line—fruit trees, nut trees, shade trees, evergreen trees, roses, shrubbery, bulbs and sweet potatoes, tomatoes and cabbage plants in their season. Write when in need of anything in our line, we will save you money and guarantee to get our stock to you in the best of condition. Our references: Any bank or business house in Moundridge or Berg & Smalley.

ILLUSTRATED CATALOGUE

Of Flower Seeds,
Bulbs and Plants.

We call the attention of our customers to the very high quality of our flower seeds. Everything has been selected with great care and is of the finest strain possible; fresh, true to name and of good quality. In our list we offer only the very best, the most showy and useful sort.

ALYSSUM.

Alyssum—Desirable plant for beds, edgings or rock. The annual varieties bloom the whole summer, the perennials are among the earliest and most attractive spring flowers.

Sweet—Hardy annual. Flowers small and sweet. Pkt 5c; oz 25c.

Golden Saxatile—(Rock or Golden)—Showy yellow, $\frac{3}{4}$ foot; hardy perennial. Pkt 5c.

ADONIS.

Adonis—Known as Pheasant's Eye. The flowers are very brilliant and foliage delicate, hardy annual, one foot.

Adonis Autumnalis—Dark, blood red. Pkt. 5c.

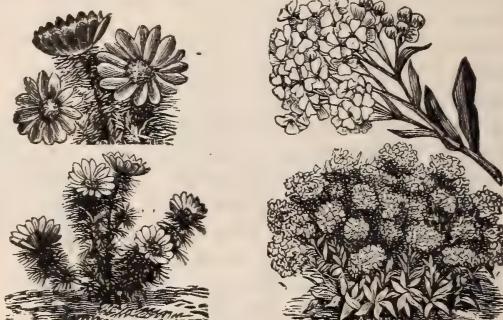
AGERATUM.

Ageratum—The Ageratum is interesting on account of its neat, bushy habit and its pretty bush-like flowers, which are produced in clusters constantly all through the summer. Seeds may be sown in a mellow seed bed in the open ground or under glass early in the season. The plants serve well in carpet bedding. Annual.

Ageratum Mexicanum—Light blue, two feet. Pkt. 5c.

Tom Thumb—Dwarf Blue, distinct variety, desirable for edging, $\frac{1}{2}$ feet. Pkt. 5c.

Conspicuum—Fine white, 18 inches.



ASPERULA.

A charming, profuse blooming little plant bearing clusters of fragrant flowers, admirably adapted for bouquet marketing; hardy annual.

Asperula Azurea Setosa—Blue, 1 foot. Pkt 5c.

ABRONIA.

Abronia—A trailing plant, bearing clusters of Verbena-like sweet scented flowers, very effective in beds, rock work and hanging baskets; height six inches.

Abronia Umbrella—Rosy Lilacs with white eye. Pkt 5c.



New Branching Aster—One of the hand past flowering somes among all the Asters, blooming late ed, each pkt. 5c. in the season when the other varieties are

AMARANTHUS.

Showy Plants, some remarkable for large panicles of showy flowers and others for the brilliant range of colors in the leaves.

Amaranthus—(Melancholus Rubber)—Beautiful blood red foliage, suitable for masses or edgings. Hardy, two and one-half feet high. 5 c. pkt.

Tricolor—(Joseph's Coat)—Folage scarlet, yellow and green; beautiful; 3 feet. 5c pkt.

Salicifolius—(Fountain Plant)—Scarlet bronze green foliage, magnificent bright colored plumes, graceful drooping habit. 4 feet. 5c pkt.

BALSAM.

The Balsam has been so much improved by cultivation as to be scarcely recognized. The blossoms are double, though some semi-double and single ones will be pretty certain to appear and

such plants should be removed. The flowers will be improved by planting in hot beds and transplanted when two leaves have formed, one or two feet apart. Pinch off a portion of the shoots, which will increase the size of the flower and vigor of the plant.

Camelia Flowered—Very doubled, perfect in form, mixed colors. Pkt 5c.

Double Dwarf—Very double, six inches. Pkt 10c.

Carnation—Double, striped like the carnation. Pkt 10c.

Solferino—White, striped, and red. Pkt 5c.

Common—Double. Pkt 5c.

Balsam Apple—Very curious vine with ornamental foliage. Its large golden yellow fruit is warted and when ripe opens, showing its brilliant carmine interior. Grows to a height of ten feet. Pkt. 5c.





annual six to fifteen feet high. Pkt 5c, lb 20c

CARNATION OR PICOTEE.

Carnation or Picotee—No flower can surpass in delicacy of marking, form, or delicious fragrance, the richly hued carnation. It has always been one of the most esteemed of the florist's collection, and there is no more desirable for the garden. The seed will not produce all double flowers though a good percentage will be double and all shades and colors, many being very fragrant. Sow under glass in a hotbed or green house, and when of sufficient size, transplant two feet apart. New and choice varieties are obtained from seed. Half hardy perennial, $1\frac{1}{2}$ feet.

Marguerite Carnation—The plants of this wonderfully fine strain may be made to flower in four months. The flowers are large, double and very fragrant and appear in very attractive shades of color. One of the best pinks in cultivation. Pkt. 10c.

Double Mixed—Good seeds producing many good flowers of all shades, colors, many being very fragrant. Pkt. 10c.

CANDYTUFT.

Among the most useful of perfectly hardy annuals. Produces neat clusters of flowers very freely.

Candytuft—Purple. Pkt 5c.

Candytuft—White. Pkt 5c.

Candytuft, New Crimson—Fine. Pkt 5c.

Candytuft—Fine Mixed. Pkt 5c.

CAMPANULA.—Bell Flower.

Well known, beautiful, hardy, herbaceous perennial bearing a greater profusion of attractive bloom, thriving best in light, rich soil. Some of these varieties flower the first season if planted early.

Carnation, Mixed—Free flowering blue and white mixed. Continuing in bloom the entire season, hardy perennial, 1 foot. Pkt 5c.

Media, Mixed—(Canterbury Bell) Beautiful large bell-shaped flowers; effective plants for the border or pot culture; hardy biennials. 2 1-2 feet Pkt 5c.

CHRYSANTHEMUMS.

The glorious and showy autumn blooming chrysanthemums, so much admired and cultivated, have their relatives among summer annuals, which are easily raised from seed. There are many very elegant flowers among these

ANTIRRHINUM.—Snapdragon.

Beautiful spikes of gaily colored flowers, produced abundantly the first summer until frost; the plants will also flower well the second season.

Antirrhinum Major—Choice Mixed. 5c pkt.

Tom Thumb—Very pretty dwarf plants, about six inches high. Mixed colors, pkt. 5c.

BALLOON VINE—Cardiospermum.

Love-in-a-Puff—A pretty rapid growing summer climber, with small white flowers, followed by curious inflated seed vessels. Thrives in light soils. Sometimes grown in pots on verandas, etc. Annual, pkt. 5c.

CASTOR BEAN—Ricinus.

Tall, majestic plant for lawns, with leaves of glossy green, brown or bronzed metallic hue and long spikes of scarlet or of green prickly fruit. Of very quick growth in rich soil. Tender an-

annual varieties that would be quite a surprise to those who know the chrysanthemum only by the late introductions. They are free blooming, showy border plants and the flowers are very desirable for cutting. Seeds can be sown in the open seed bed or where the plants are to stand, provided the plants are thinned out to eight or twelve inches apart. A little shade or shade in the after part of the day is desirable for them. Pinch them back until July 15 to make them grow branching and stocky.

Mixed—Annual varieties, 5c.

CENTAUREA.

Bachelor's Button

Very old favorite hardy annual; flowers freely in almost any situation; for cut flowers they are largely used both in Europe and this country.

Mixed Varieties
Pkt. 5c.



COSMOS.

A strong grower having elegant foliage and for fall blooming has no superior. Seed sown in March will produce plants three to five feet high by September, which thereafter and until November will yield hundreds of blossoms three inches across. The flowers are of various shades from pure white to purplish crimson. Both foliage and flowers are unsurpassed for bouquets and vases. Annual.

Giant White—Pkt. 5c.

Giant Crimson—Pkt. 5c.

Giant Mixed—Pkt. 5c.

Early Flowering Dawn—Pkt. 5c.

COCKSCOMB—Celosia.

Celosias are interesting and brilliant annuals and when well grown from seeds of good quality never fail to please the grower and attract attention. There are several colors, red, orange and yellow. But the bright reds are the best. These combs are often grown a foot or more across the top. Pkt. 5c.

CONVOLVULUS MAJOR.—Morning Glory.

Handsome, showy climber, suitable for covering arbors, windows, old stumps, etc., so perfectly hardy as to grow in almost any red and striped. Hardy annual; 10 feet.

Convolvulus—Mixed. Pkt 5c. oz 10c.

Japanese Morning Glory—Extra large and very beautifully colored.

Pkt. 5c.

CONVOLVULUS MINOR.**Dwarf Morning Glory.**

Dwarf plants of trailing, branching habit, each covering a space about two feet in diameter. At midday they are completely covered with a mass of pure white and brilliant many colored blossoms, which remain open in clear weather till evening. Half hardy annual one foot high.

Mixed—Pkt. 5c. oz. 10c.

CYPRESS VINE.

Cyprus Vine—One of the most beautiful of the climbers, fine delicate foliage dotted with small, scarlet, star-shaped flowers. For covering pillars, trellis work, etc., it is unsurpassed for grace and beauty. Height six feet. Sow in open ground after all danger of frost is passed. Choice mixed 10c.

White—Pkt. 5c.

Scarlet—Pkt. 5c.

Choice Mixed—Pkt. 5c.

**DOUBLE DAISY.**

Sow the seed very early. The flowers are abundant in early spring and may be continued later by the use of water. Plants can be removed safely even when in flower. Set about six inches apart in a cool border. Perennial.

Best German Seed—Mixed colors, pkt 10c.

White—Constant bloomers. Pkt. 10c.

Eschscholtzia—(California Poppy)—Very attractive plants for beds, edgings, or masses; profuse flowering and fine cut foliage, in bloom from June till frost, hardy annual; 1 foot.

Choice—Mixed. Pkt 5c.

Forget-Me-Not—The Forget-me-not is an old favorite plant, bearing clusters of star-shaped delicate blue flowers with white and yellow eyes. It flourishes best in a moist, shady situation, and is in constant bloom nearly the

soil; will soon cover any unsightly place if support be given to the vines. The flowers are most brilliant in the morning and run through many shades from white to dark blue, red and striped. Hardy annual; 10 feet.

**DIGITALIS—Foxglove.**

The Foxgloves are quite stately and highly ornamental plants when well grown, with flower stems at least three feet in height. They are fine for the mixed border or planted singly in half shady places near a walk or drive. The racemes of flowers are often two feet in length, containing scores of the prettily spotted thimble shaped flowers. Perfectly hardy. Sow seeds in spring in garden and transplanted as desired. Perennial.

Mixed Varieties—Pkt. 5c.

DIANTHUS—Pink.

Dianthus—(Pink)— The family of Dianthus is by far the most beautiful of all the annuals and biennials and for beauty and variety cannot be surpassed. The delicacy and richness of the tints, combined with the aromatic fragrance of many of the species are valuable recommendations for the entire family.

Chinese—Best double variety mixed. Pkt. 5c.

Hedewigii—Large flowers three inches in diameter. Pkt. 5c.

Best Dwarf Varieties—Mixed. Pkt. 5c.

whole season. If the seed be sown in autumn it will succeed best, and flower early in the spring. Hardy perennial $\frac{1}{2}$ foot.

Dissitiflora—Earliest of all, dark blue, very fine flowering variety, with large blossoms, quite distinct from any other, 1-2 foot. Pkt 5c.

Mixed Varieties—Pkt. 5c.

Four O'clock—(Marvel of Peru.) The plants are large and require four feet of space; make a very pretty hedge. Some of the varieties have beautifully variegated leaves. The flowers are funnel shaped, white, red and striped, very fragrant, and open about four o'clock in the afternoon and remain open all night. The French call it Bella de Nuit. "Beauty of the night." Will grow in any common garden soil, from seeds sown in open ground. Hardy annual, two feet.

Four O'clock—Mixed. Pkt 5c.

HOLLYHOCK.

The hollyhock, in its present state of perfection, is very unlike its parents of the olden times. It now ranks with the dahlia, aster, camelia, etc. For a background to a flower garden perhaps no flower is so useful. Flowers are as double as a rose of many shades of color, from deep yellow, red and purple to pure white. Plant the seeds in June or July in open ground, and when the plants have made fine leaves, transplant to three feet apart. The following summer they will bloom. A hardy perennial 3 to 5 feet.

Double Mixed—Pkt. 5c.

IPOMEA.—Evening Glory.

Beautiful and exceedingly attractive mixed with other climbers. The flowers are of a variety of shapes and sizes, and of an endless number of colors, many being wondrously brilliant, and of graceful form. They are alike good for green house, for pots and baskets, and for trellis, stumps, arbors, etc. They require heat in starting, and some of the varieties will not succeed out of the green house. Tender annual, five feet.

Ipomea—Fine mixed. Pkt 5c.

Moon Flower—Pkt 5c.

LOBELIA

Lobelia—A most elegant and useful genus of plants, of easy culture, and well adapted for bedding, edging, pots or rockeries. They are employed as universally in general summer gardens as scarlet geraniums, to beds of which they form a neat, effective edging. Seeds should be covered lightly. Start early, under glass, and transplant or sow in open

ground in May. **Mixed Varieties**—Pkt 5c.

LARKSPUR—Delphinium.

One of the most showy and useful plants, possessing almost every requisite for the adornment of the garden; the hardy perennials producing splendid spikes of the flowers in profusion throughout the summer. If sown early they bloom the first year from seed. The hardy annuals are profuse bloomers, and succeed best if sown in autumn or very early in the spring. Choice mixed sorts. Pkt 5c.

Double Dwarf Rocket, Mixed—Produces beautiful spikes of double flowers in many shades. Hardy annual one foot high. Pkt. 5c.

Tall, Stock Flowered, Mixed—Flowers double, borne on spikes about fifteen inches long. Hardy annual two feet high. Pkt 5c.

New Large Flowering Hybrids—Perennials three to six feet high. Flowers of various shades; very showy. Finest varieties mixed, pkt. 5c.

MARIGOLD—Calendula.

The Marigold has been an inhabitant of the flower gardens from time immemorial and where a rich display of bloom is desired, is almost indispensable. The African varieties are tall, growing usually two feet or more, while the French are more dwarf, of most perfect form and gorgeous beauty; all are desirable. Hardly annuals in bloom till frost comes.

Meteor—The handsomest of the Calendulas, perfectly double and beautifully striped, the petals having a creamy center, edged with orange yellow. Pkt. 5c.

African Double Mixed—Pkt 5c.

French Double Mixed—Pkt. 5c.

MESEMBRYANTHEMUM.

Mesembryanthemum Crystallium—(Ice plant)—Handsome and curious plants for

hanging baskets, rock work, vases and edging.

The leaves and stems are succulent and fleshy, and appear as though covered with ice crystals and look like rock candy. Pkt 5c.



DWARF NASTURTIUMS.

Nasturtium Dwarf—Tropaeolum Minor—
Very useful for bedding, massing or ribboning.
A few dwarf Nasturtiums in the yard are very



brilliant and attractive and they are in bloom all the season. The flowers are most brilliant if the soil is not over rich. Give each plant a foot room. Hardy annual, one foot.

Mixed—Oz. 10c; pkt 5c.

Mignonette—A well known hardy annual, producing dense semi-globular heads, of ex-

ceedingly fragrant flowers, borne on spikes from three to six inches long. Is in bloom nearly the whole season, and the perfume is so fragrant that the whole atmosphere is perfumed. No garden should be without it. If sown at intervals during the spring and early summer it will be in bloom until killed by the frost. Seeds sown in autumn will bloom early in the spring. Hardy, annual, perennial if protected; one foot high.

Improved Sweet—Oz 10c; pkt 5c.

Golden Queen—A new variety; the flowers are golden yellow and powerfully fragrant Pkt. 5c.

**NASTURTIUMS.****Tall or Trailing.**

These are all of strong, vigorous growth, throwing out running shoots but can be trained upon strings or wires, or can be readily made to climb the ordinary paling fences or wire netting. They are also very showy planted at the top of a steep slope and allowed to run down the bank. They are equally beautiful simply trailing on level ground.

An ounce contains from 175 to 225 seeds. You should purchase seed by the ounce and plant liberally. No flowers grow more easily from seed or are more attractive.

Dark Crimson—Deep velvety red, brown and brownish crimson. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c.

Golden Leaved Scarlet—Golden-yellow foliage; flowers velvety maroon. Pkt. 5c; oz. 15c.

Moonlight—Exquisite light straw-yellow flowers of unusual size, born in great profusion. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c.

Majus, Finest Mixed—Many bright colors. Pkt 5c; oz. 10c.

OXALIS.

Splendid class of plants, with brilliant colored flowers, suitable either for green house decoration, rock work, or rustic baskets outdoors. Half hardy perennials. 1-4 foot.

Oxalis Rosea—A neat, erect plant, with bright rose colored flowers. Pkt 10c.

Valdiviana—A compact, growing variety, with sweet scented, bright yellow flowers. Pkt 10c.

Mixed Varieties—Pkt 10c.

Pansy, Niola Tricolor—These lovely flowers are favorites with all, not only for the brilliancy and variety of color, but for the durability of their bloom. Seeds may be sown in open ground in spring or summer, or in hot-beds early in spring. Young plants produce the largest and best flowers. The plants should always occupy a cool partially shaded situation, and the ground cannot be too rich, coolness and moisture are necessary. Transplant when an inch high. Seed sown in July will



blossom late in autumn; if sown in October will bloom the following spring. Hardy biennial.

Giant Trimardeau—Enormous size annual. Pkt 5c.

Ordier or Blotched—Rich and varied colors. Pkt 15c.

Quadricolor—Upper petals sky-blue, annual, Pkt 10c.

Emperor William—Ultramarine blue violet eye. Annual Pkt 10c.

Snow Queen—Pure satiny white annual. Pkt 10c.

Faust or King of the Blacks—Almost coal black, annual. Pkt 10c.

Violet—Marginal with white, annual. Pkt 10c.

Striped or Mottled Varieties—Very fine, annual. Pkt 10c.

Dark Purple—Very rich, deep color, annual. Pkt 10c.

Azur Blue—Very fine, annual. Pkt 10c.

Fine Mixed—Pkt 5c.

Petunia

For out door decoration or for house culture, few plants are equal to this class. They commence flowering early and continue a mass of bloom throughout the season. Require rich soil and a sunny situation. Of late years the single striped, mottled and double varieties have been greatly improved. Hardy annuals 1 1/2 feet. Pkt 10c



Poppies

Poppy—A showy and easily cultivated, hardy annual, with large brilliant colored flowers, growing freely in any garden soil, and producing a fine effect in large clumps or mixed beds. Sow early in the spring where they are to remain as they will not bear transplanting, two feet.

Peony Flowered—We have a superb strain of these with flowers as fine as the largest double dahlias; the colors are distinct and range from red to pure white. Pkt 5c.

New Cardinal Poppy—The plants grow about 16 inches high and are well furnished with deeply cut dark green foliage, which shows off the enormous double-glowing cardinal scarlet flowers. Pkt 10c.

Fringed White—The finest double white. Pkt 10c.



VICK'S BRILLIANT.

It is a strong robust grower 2 1/2 ft. high, round Portulacas. They are in bloom from about the first of July until killed by the frost in autumn. double, dazzling to the eye. Tender annual. 3-4 foot. Pkt. 10c.

Shirley Poppies—The colors range through all shades of delicate rose, pink, carmine, and brilliant crimson. Many of the large single flowers are edged with white. Pkt. 5c; oz 50c.

Stocks

Stocks—(German Ten Weeks)—The stock has for many years been a general favorite, but of late years the Germans have grown them in such perfection that they are considered almost indispensable where fine display is wanted. Half hardy annual, one to one and one-fourth feet.

Double German, Ten Weeks—Fine Mixed, Pkt 5c.

Emperor or Perpetual—The magnificent spikes of bloom are very rich and attractive and for individual specimens are unequalled. Tender perennial 1 1/2 feet high. Twelve most beautiful colors mixed. Pkt 10c.

Brompton—Blossoms well in winter; flower

very fragrant. Half hardy biennial, 1 1/2 feet high. Six best colors mixed. Pkt 10c.

PHLOX DRUMMONDII.

For splendid mass of colors and a constant display, the Phlox Drummondii is not excelled by any other annual or perennial. It has every desirable quality for this purpose. The colors range from purest white to deepest blood purple or crimson. Seed may be sown in open ground in May or in hotbed earlier and transplanted, and in either case they make a most brilliant bed of showy yet delicate flowers the whole summer. A good ribbon bed of Phlox is a most dazzling sight. Set plants one foot apart.

Flore Albo—Pure White. Pkt. 5c.

Carmine Queen—Pkt. 5c.

Fine Mixed—Pkt. 5c.

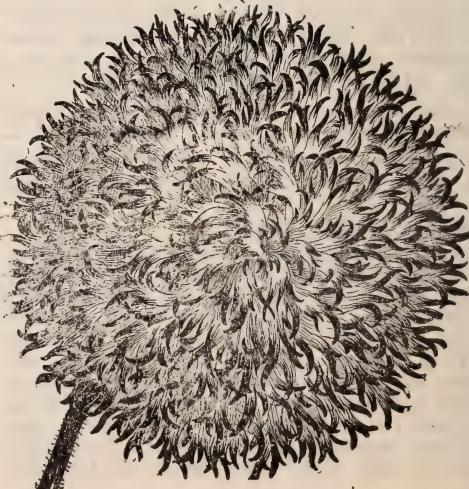
Caranation Flowered—Brilliant, large, showy. Pkt. 5c.

Portulaca

Portulaca—There are scarcely any flowers in cultivation that make such a dazzling display of beauty as a bed of many hued, brilliant colored



Single Mixed—Pkt 5c. **Double Mixed**—Pkt 5c.



VicksBrilliant

SWEET PEAS.



Mrs. Sankey—Undoubtedly the best pure white sweet pea in cultivation. Remarkable for large size and pure white flower; valuable for forcing.

Emily Henderson—A bold, well formed, clear white flower. Wings broad and well expanded. An early and wonderfully free and persistent bloomer. The flowers have more substance and the plant more vigor than the other whites, and it therefore will give good flowers under circumstances where most sorts fail.

Blanch Burpee—A white seeded pure white of exquisite form and immense size, have a bold upright shell shaped standard of great substance; is a wonderfully profuse bloomer, and absolutely free from any objectionable notch so conspicuous in Queen of England and Emily Henderson. It usually bears three flowers on a stem; a very chaste variety, and by far the finest sweet pea ever produced—Mr. Eckford's own description.

Eliza Eckford—Large flower of rosy pink over white, giving an exceedingly delicate and beautiful effect.

Sweet peas are among the most useful, ornamental and beautiful of all our hardy annuals. Should be sown four inches deep in stiff, heavy soil, and from six to eight inches in light soil and early in the spring as possible. Don't wait for fine weather.

Use plenty of seed so that they will not be more than an inch apart. Hoe the soil toward the plant a little, but do not form a ridge. Furnish support early. The flowering sweet peas are the sweetest of our climbing annuals.

Your Choice of All These Varieties:
5 cts per packet; any seven packets for 25c.
10c per ounce; any four ounce package for .25 cts.

This rate is net and not subject to further discount. In larger quantities, except where otherwise priced, all these are 20 cts per $\frac{1}{4}$ lb; 60 cts per lb, postpaid. By express, 50 cts per lb.

Sadie Purpee—Fully matured blossoms are pure white, but the bud and newly opened blossoms show quite a tint of pink. Large size, hooded form. Pedicel is brownish red.

Blanch Ferry—One of the most popular varieties ever introduced. It is earlier and hardier than any other, of dwarf and compact growth; can be grown without supports; desirable for forcing; the very sweet flowers are of large size and are produced in great profusion, of a beautiful pink color.

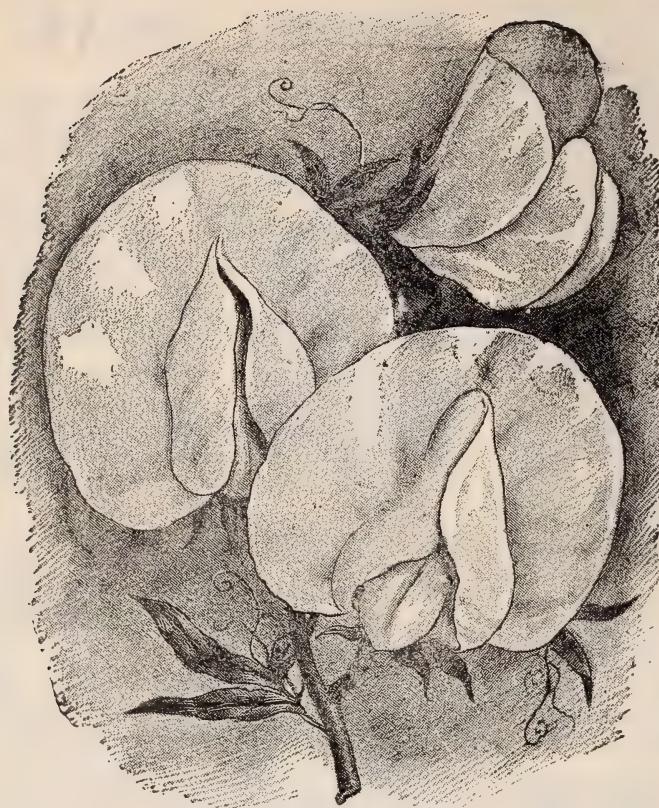
Apple Blossom—Large, pointed flower, shaded pink and rose, with the prevailing tints deepest in the clearly veined standard, most appropriately named.

Countess of Aberdeen—Very light pink shading deeper pink at the edges of both standard and wings; almost a white with pink edges. Medium size, hooded form.

Adonis—Rosy pink, the wings a little darker than the standard. Both wings and standard are long but comparatively narrow. A showy flower. Pkt 5c; oz 10c.

Gaiety—Light magenta rose striped on white. The color turn pure magenta with age. Medium size, semi-hooded form.





Duchess of Edinburgh—A deep bright red difficult to describe, wings hood shaped and darker in color than the standard; keel shaded from purple pink to white.

Salopian—Pure red (crimson scarlet), self colored. Large size, hooded form. The best and most satisfactory of all the crimson scarlets or bright red varieties. The color is clear and bright, though deep and rich. The color stands the sun better than other reds of this shade, and the blossoms are of the best form.

Firesfly—Bright red, practically self-colored but wings frequently show tint of crimson. Medium size, open form.

Lottie Eckford—Standard large, broadest at base; a delicate mauve; wings large, expanded, white, shaded with delicate blue which becomes a bright blue line at the edge.

Countess of Radnor—Flowers medium sized, standard broad, waved at edge, pale lilac, shaded mauve; wings pale lilac. A distinct and beautiful variety.

Emily Eckford—Rosy mauve, changing to an almost true blue.

Navy Blue—The large flowers are of a deep glowing violet purple, having the like maroon; wings are similar in color to the

Juanita—Standard mauve, wings lavender both striped on white. Medium size, hooded form. Is better understood as a Countess of Radnor striped white.

Aurora—Orange rose, striped on white. Large size, hooded form of the best type. Is the most attractive striped variety.

California—Very light pink, self colored. Rather small size, hooded form. Standard inclined to curl.

Isa Eckford—Standard deep pink at base, shading to light pink and almost white at edges. Medium size open form.

Brilliant—Flowers of good size and substance. Standard round and inclined to curve forward. Color very brilliant rich red.

Cardinal—Standard tense, rich rose carmine; wings deep red-purple. One of the brightest reds in cultivation.

Splendour—A very large and finely shaped flower of bright rose in color and one that always attracts attention.

Duchess of Edinburgh—standard. This by many is considered the best dark variety yet produced.

Indigo King—Standard deep purple maroon, wings indigo blue. A distinct, large and fine shaped flower.

Black Knight—Flowers of large size and fine bold form; standard a rich wine brown or dark claret; wings heavily shaded with brownish purple.

Our Own Mixture—None surpass this make up from the finest new sorts.

Sweet William.

The best variety of Sweet William are of exceedingly beautiful colors, very large and almost perfect in form with trusses of great size. The plants are perfectly hardy, and may be increased by division of the roots. There are very good double varieties. It is well to raise new plants every few years from seeds, for old plants become debilitated and unsightly, and the flowers decrease in size. The Sweet William is a very old and once popular flower and is again coming into favor more and more every year. Perennial.

Sweet William Perfection—Mixed 5c.

Common Double.—5c.

VERBENA.

Very few annuals will make such a gorgeous display during the summer months or furnish more flowers for cutting than the Verbena. Good healthy plants can be produced from seed as readily as almost any tender annual. Plants will perfectly cover a space four feet in diameter, flower well in July and continue strong and healthy until destroyed by frost. Another strange fact, not generally known, is that all Verbénas raised from seed are fragrant, the light colored varieties particularly so.

Verbena Hybrida — Extra fine mixed choice seed saved only from the most beautiful flowers 10c.

Striped—Excellent flowers with Caranation like stripes, 10c.

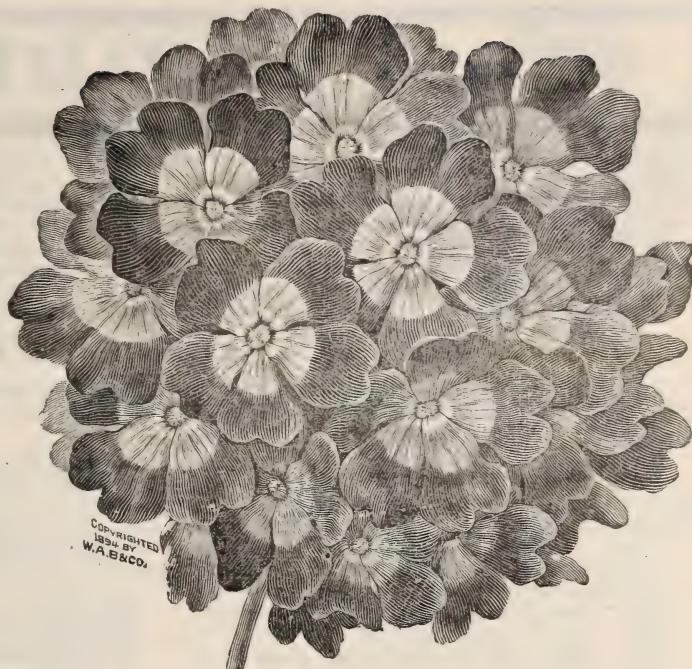
Scarlet—Brightest scarlet, 10c.

Pure White—10c.

Cloth of Gold—The gold and yellow leaves

present a unique appearance; fine mixed 10c.

Coerulea—Blue shade, 10c.

**ZINNIA.**

The Zinnia is a large, free growing plant, and so handsome that it will always be popular. It is in flower all summer, making the most brilliant display possible. The Zinnia make an excellent border or summer hedge, and for this purpose set plants 12 to 15 inches apart so as to make a continuous row of border. The seed grows easily and the younger plants can be moved as safely as cabbage plant.

Zinnia Double—Choicest mixed Pkt. 5c.

Curled and Crested—A new and beautiful strain of this popular plant showing on each plant from 100 to 200 large double flowers, the petals being twisted, curled and crested into graceful and most fantastic forms. The colors comprise all the beautiful shades characteristic of the Zinnia. Pkt. 5c.

Tom Thumb—Varies from four to 12 inches in height, and from six to 14 inches in diameter, forming compact, free flowering, pigmy bushes, suited for edgings, small beds and groups. Pkt. 5c.

PLANT DEPARTMENT

We are better able than ever to take care of all orders for Plants promptly. During the last year our business in this department has grown to such extent that we were compelled to add to our glass surface (more than twice), so we will be prepared to send you the best and of a superior quality. While we do not handle the largest stock of plants, we claim that we do grow the best varieties that are grown. Plants we send out are all pot grown, not rotted cuttings such as some houses send out. All plants sent postpaid except where noted. If wanted sent by express we will send enough extras to more than pay the charges.

COLLECTIONS OF PLANTS.

The collections offered below are all made up of regular sized, strong plants, but we grow these particular sorts in very large quantities and are able to offer them at popular prices. We cannot break the assortments.

The "Royal" Collection, No. 1.

Consisting of eighteen dormant Canna Bulbs. Two Austria, two Italia, two A. Bouvier, two Alsace, two Burbank, one Florence Vaughan, one Alemannia, one Mad Crozy, one Queen Charlotte, one Mad Leclere, one Comte Bouchard, one Mlle. Berat, one Chas. Henderson.

The above eighteen bulbs for \$1.00.

The "Exhibition" Collection.

Consisting of the following sixteen finest Chrysanthemums:

Glory of the Pacific, Lady Fitzwygram, Mrs. O. P. Basset, Golden Wedding, Major Bonnafon, Maud Dean, Merry Christmas, Mrs. Robinson, Ivory, Black Hawk, Col. Appleton, Superba, T. Eaton, Gold Mine, Polly Rose, Merza.

The above sixteen fine Chrysanthemums for \$1.00.

ABUTILONS.—Flowering Maples.

Very showy decorative, free growing shrub, having leaves similar to the maple, with graceful bell-shaped flowers. Well adapted for pot or garden culture. Good strong plants of the following sorts, 10c each.

Infant Eulalie—Flowers a clear satiny pink.

Golden Bells—A deep rich golden yellow.

Sour de Bonn—Leaves distinctly bordered creamy white. Flowers bright orange veined with crimson.

Snow Storm—Pure white variety.

ASPARAGUS PLUMOSUS NANUS.

Lace Fern.

A most beautiful ornamental plant for house culture. Leaves are a very deep green color, of a fine lace-like texture, remaining fresh a long time after cutting. Strong plants 15c; large plants by express 25c each.

ASPARAGUS SPRINGERI.

A handsome trailing plant of very free vigorous growth, producing sprays of a beautiful green feathery-like foliage, four to five feet

The "Bargain" Collection.

Is indeed a bargain. It contains a collection of the best bedding and pot plants; ordinarily it would cost you \$2.50.

Two Tea Roses, two Geraniums, one Canna plant, one Ivy Geranium, four Coleus, two Begonias, one Heliotrope, one Scented Geranium, two Salvia, one Fuchsia, two Chrysanthemums, two Carnations, one Lantana, one Petunia, two Pansies, two Verbenas.

The above plants for only \$1.00.

The "Jewell" Collection.

Consists of the following fifteen Hardy Roses. Gen'l Jacqueminot, Paul Neyron, Meteor, Souv. de Wooten, La France, Mad. Plantier, Dinsmore, P. C. de Rohan, Mad. Chas. Wood, Kaiserin A. Victoria, Pink Soupert, Queen's Scarlet, M. P. Wilder, A. D. Diesback, Couq. des Alps.

The above fifteen sorts for \$1.00.

long. It is well adapted for hanging baskets. 25c each.

ALTERNANTHERA.

Joseph's Coat—Popular dwarf growing foliage plant, valuable for carpet bedding or letting on the lawn. A good assortment. 40c per dozen.

ARAUCARIA EXCELSA.

Norfolk Island Pine.

The most beautiful of all tender evergreens, admirably adapted to house culture. One of the finest plants for table decorations. Its deep green feathery foliage arranged in whorls makes it a plant of rare value. Plants by express eight to ten inches, \$1; 12 to 15 inches, \$1.25.

AGERATUM.

Blanche—Pure white.

Princess Pauline—Does not exceed five inches in height, having the two colors, blue and white, combined in one flower.

Stella Gurney—Best clear blue. 10c each or 60c per doz.

Flowering Begonias.

Pres. Carnot—A magnificent plant, strong, upright grower, large leaves, upper side green with satin luster, under side purplish red, flowers red. 15c each.

Rubra—Rich green long leaves, flowers scarlet. 10c each.

Sunderbruchii—One of the most beautiful of Begonias. Each leaf is separated in five to seven sharp points. The surface is bright metallic green, veins broadly shaded with velvety black, underside of leaves and stems are heavily haired. Large clusters of pinkish green flowers on long stems. 25c each.

Dew Drop—Free flowering pure white. 10c each.

Vernon—Grand for house or bedding, flowers deep rose, produced in greatest profusion. 10c each.

Double Vernon—Same as above except flowers are as double as a rose. 15c each.

Argentia Guttata—Large, long pointed green leaves with small silver spots, flowers white, 10c each. silky texture, richly spotted with silver, flowers white and rosy pink. 10c each.

Otto Hacker—Large shining green leaves, eight to ten inches long, flowers bright coral red in large clusters. 10c each.

Rex Begonia—Grown for the beauty of their foliage. We have a number of very fine varieties. 15c each.

Manicata Aurea—Similar to above except leaves are spotted with yellow. 25c each.

Tuberous Rooted Begonias—In white, pink, scarlet and yellow. 10c each.

Manicata—Large light green leaves with curious whirls of red hair on under side, flowers pink, fine winter bloomer. 15c each.



Thurstoni—Beautiful stately plant with handsome foliage, flowers rose and white in large clusters. 10c each.

Gigantea Rosea—A superb variety of strong, upright growth, rich glossy leaves, flowers of clear cardinal red. 10c each.

Metallica—A beautiful, erect growing Begonia, dark rough green foliage on upper surface, under side reddish bronze, flowers rosy white. 10c each.

M'de Lesseps—Leaves green of peculiar

CALADIUM ESCULENTUM.—Elephant's Ear.

A well known tropical plant bearing immense leaves of thick leathery substance. For large beds or for single specimen plant nothing is more beautiful or striking in appearance. Good sized bulbs 15c; large bulbs 25c.

CANNAS.

Ten Best Bedding Cannas.

Chicago—Vermillion Scarlet, 4 1-2 feet

Egandale—Bright cherry red, foliage dark maroon, 5 feet.

Queen Charlotte—Orange Scarlet, edged canary.

President Cleveland—Brilliant orange scarlet.

Duke of Marlborough—Deep crimson maroon, darkest of all.

Chas. Henderson—Bright crimson, yellow penciled center.



Florence Vaughan—Yellow, spotted red, four feet.

Pres. Carnot—Chocolate maroon, dark foliage.

Alsace—Nearest approach to white, 4 1/2 feet.

M. Berat—Height five feet, soft shade of rosy carmine. 10c each; one each of 10 varieties for 75c.

ORCHID.—Flowered Canna.

Burbank—Flowers fully seven inches and is really semi-double. Color rich canary yellow, inner petals showing fine crimson spots. 10c each.

Austria—Rich golden yellow with faint scarlet markings on one petal. A small plant set out in the spring will make a monster clump six feet high by mid-summer.

Italia—Bright scarlet with broad orange yellow border.



ELEPHANT'S EAR.

CARNATIONS.

Our list of these beautiful plants will be found up to date. Unless otherwise noted. 10c each.

G. H. Crane—Rich, clear brilliant scarlet, finely fringed.

Flora Hill. Pure white, blooms of large size.

Mrs. Lawson—The largest flowering dark pink variety.

Daybreak—Flowers large of delicate pure flesh color.

White Cloud—Extra large blooms, pure white and fragrant.

Prosperity—Pure white ground overlaid with shadings of soft pink.

Norway—White, sometimes slightly streaked with pink, blooms 2½ to 3 inches in diameter.

COLEUS.

We have nothing but the best sorts that are handsomely marked. Beautiful effects may be made by using in solid beds or as borders for Canna beds. 5c each; 40c per dozen.

CALLAS.

Ethiopica—Best for winter blooming. 15c each; extra large plants by express, 25c.

CHRYSANTHEMUMS.

The Queen of Autumn—The plant and flower for everyone on account of its free blooming. No one who loves flowers should be without a few.

Ivory—Pure white.

M. de Montmort—Pink.

Omega—Yellow.

Lady Fitzwygram—Earliest creamy white.

Glory Pacific—Flowers delicate pink, stiff stems.

Mrs. H. Robinson—Extra large pure white variety, forming perfect ball of snow when fully developed. 10c each; set of six for 40c.

Six Mid-Season Sorts.

Col. Appleton—Very large deep yellow incurved bloom.

Timothy Eaton—Largest incurved pure white sort, often eight inches in diameter.

Lavender Queen—Soft, pleasing shade of lavender pink.

Major Bonaffon—Blossoms of largest size, incurved, a pure yellow. The best for house and out of door planting.



Golden Wedding—Large flowering yellow.

Black Hawk—Deep crimson velvet.

Ten cents each; set of six 40c.

Six Late-Blooming Sorts.

Intensity—New crimson of reflexed form.

W. H. Chadwick—Latest pure white.

Superba—Large bright pink well formed flowers.

Merry Xmas—Of the reflexed sort, pure white large flowers.

Xeno—Very late bright pink Japanese incurved.

Modesto—Finest late yellow of incurved type.

Ten cents each; set of six 40c.

Austrich Plume—All colors, 10c each.

CYPERUS ALTERNIFOLIUS.—Umbrella Plant.
Adapted for pots or aquariums. 15c and 25c each.

CACTUS.

Crab—or Christmas—Magnita flowers, drooping habit, blooms in December. 10c to 25c each.



FUCHIAS.

Black Prince—Carmine tube and sepals. Single.

Elm City—Double, dark purple corolla, tube crimson.

Mrs. E. G. Hill—Double, white corolla, tube and sepals crimson.

Snow Ball—Double, pure white corolla, sepals red.

Phenomenal—Double white corolla, tube and sepals red

Speciosa—Single, orange carmine, very free.

The above Fuchias 10c each.

FERNS.

Boston—Its long, graceful, drooping fronds often attain a length of six feet in a single year and is not subject to attacks of scale and other insects. First size 25c; strong plants by express, 50c to \$1.50.

Pearsoni—A sport from the above. The fronds are minutely subdivided, each separate pinnae forming a perfect miniature frond. The leaves when developed are six inches broad and have very graceful drooping habits. Strong 2 1-2 inch plants 25c each; larger sizes by express from 50c to \$1. each.

GERANIUMS.

General list of Geraniums comprising varieties of highest merit up to 1905. Two inch pots 10c each, except where noted.

Double Flowered.

A. Riccard—Clear orange red, flowers and trusses large.

B. Poitevine—Brilliant salmon, large florets.

Bruanti—Brilliant scarlet with yellow cast.

F. Perkins—Excellent bright pink.

J. Viand—Pure pink, semi-double with **Jno. Doyle**—One of the best in red bedding sorts.

S. A. Nutt—Dark crimson.

La Favorite—Purest white.

Annabil—Purplish crimson.

G. de France—Crimson center, edged with white.

Peter Crazy—A cross between Ivy and Zonal with soft, bright scarlet flowers in large trusses.

Single Flowered Geraniums.

Chaucer—A clear bright cerise, immense florets, almost three inches across, borne in large trusses.

Crabbe—Fine shade of cherry red over 2 1-2 inches across; has beautiful rounded truss 14 inches in circumference.

Dryden—Bright rosy red with large white blotches on two upper petals. Very free bloomer. 15c each.

J. D. Eisle—Pure wine red having immense trusses.

Copernic—Rose and carmine with white center.

Mrs. E. B. Hill—Bright salmon, one of freest bloomers.

M. de Layre—Best single white for house and garden.

Violet Queen—Shows beautiful shadings of rose and heliotrope.

Shelley—Rich, deep velvety crimson.

Southey—Bright vermillion with white blotch in center, running up into the two upper petals, which are suffused with crimson. 15c each.

Mars—Ideal pot plant, very dwarf and compact, deep salmon with white border. 15c each.

America—A seedling of Moss, flowers blush white and changed to a pure rose pink. 15c each.

FEVERFEW.

Splendid bedding plant or for house culture, giving profusion of small white flowers, perfectly double, fine for cemeteries. 10c each.



Variegated Leaved Geraniums.

Happy Thought—Dark green foliage white center.

Cloth of Gold—Foliage yellow with dark center.

Prince Bismarck—Yellow foliage, deep chocolate zone, flowers salmon, tipped white.

Mrs. Pollock—Tri color leaf, bright bronze, belted crimson and edged with golden yellow.

Mad. Salleroi—Silver geranium, leaves small of clear green, edged with pure white. Fine plant for bordering. 50c a dozen.

Ivy Geraniums.

Joan d'Arc—Flowers very large pure white.

Chas Turner—Double pink flowers.

St. Louis—The only scarlet of a clear color.

Lady Washington Geraniums.

Nothing is more attractive than these plants when in bloom with their beautiful pansy-shaped blossoms.

Crimson King—Intense rich crimson.

Mabel—Large flowers, red and black, splashed with white.

Lord Salisbury—Red, blotched with white and crimson.

M. Sandiford—Very large semi-double white flowers.

Sunray—Lovely pink with black spots.

Dorothy—Soft shade of carmine rose.

Twenty cents each; the six for \$1.

Fragrant Geraniums.**Balm**—Very large leaves, strong grower.**Lemon**—Small leaves of delicious lemon fragrance.**Mrs. Taylor**—Scarlet flowering rose Geranium.**Nutmeg**—Small round leaves.**Rose**—Fine for bouquets.**IMPATIENCE SULTANA**—Satin Plant.

We have them in three colors, red and pink, 10c; white 15c.

IVIES.

A fine assortment of all kinds of Ivies 10c each.

PRIMULA CHINENSIS.

In two separate colors, white and pink, 10c each.

**TEA ROSES.—Queen of Flowers.**

These roses are all hardy and will live through the winter with a little protection of old straw or leaves, bloom constantly. 10c each, except where noted. Strong two-year-old roses 35c each by express.

Champion of World—Bright pink.**Clothilda Soupert**—Flesh white.**Maman Cochet**—Deep rosy pink.**Mosella**—Creamy white.**Queen Scarlet**—Crimson scarlet.**Etoile de Lyon**—Yellow

Golden Gate—Creamy white tinged with yellow and rose.

Ivory—Pure white.**The Bride**—The purest white.**Bon Silene**—Deep rose.**Perle des Jardins**—Yellow.**Papa Gontier**—Crimson.**La France**—Silvery pink, fine bud.**K. A. Victoria**—Pure white, very large bud.**ROSES****Kaiserene**

Aug.

Victoria

This is the queen of white tea roses, magnificent in bud and a grand full double open rose, a strong grower and free bloomer—a good house rose and splendid garden rose. It is hardy when protected with straw or hay. Two-year-old plants 30c each.

HYBRID PERTPETUAL ROSES.**Magna Charta**—Bright pink.**C. des Blanches**—Pure white.**Paul Neyron**—Largest and best pink.**Gen Jacqueminot**—Crimson scarlet.**Dinsmore**—Bright red, extra fine free bloomer.**TRAILING OR CEMETERY ROSES.**

We have a good assortment of these roses at 10c each.

Baltimore Belle—Blush flowers, strong grower.**Seven Sisters**—Flowers blush pink, in clusters.**Prairie Queen**—Pink cupped, large flowers.**Crimson Rambler**—Crimson flowers, very strong grower.**Pink Rambler**—Pink blossoms.**Yellow Rambler**—Yellow flowers.**White Rambler**—White flowers.



KANSAS BEAUTY.

Will Quote Special Prices on Cane, Millet, Kaffir Corn and Seed Corn in Car lots on Request.

Seeds

BERG & SMALLEY,
McPherson, Kans.,
January, 16, 1906.

To the Trade: TERMS, Net Cash. Prices Subject to Market Changes. Bags Extra.

CLOVER

We do not import or sell foreign alfalfa. Seed we offer best American grown, per 100 lbs.

Alfalfa, Choice	\$12.00
" Prime	11.50
Red Clover, Choice	13.50
White " "	14.00

GRASS SEEDS

Ky. Blue Grass, Fancy	\$10.50
Eng. " Choice	7.00
Orchard Grass, Choice	12.50
Brome Grass	9.50
Red Top, Fancy	7.50
Timothy, Choice	4.00
" Prime	3.75
Johnson Grass	4.50
Millet, German	1.40
" Common	1.30
" Siberian	1.20

FIELD SEEDS

Red Texas Oats	per bu.	\$.40
Barley, six row		50
Speltz		.50
Seed Flax		1.25
White Peanuts		2.00
Cow Peas, Whippoorwill		1.90
Cow Peas, New Era		1.75
Broom Corn, Evergreen		1.00
" " Cal. Golden		1.00
" " Dwarf		1.50
Ey. Amber Cane	per 100 lbs.	\$ 1.20
Ey. Orange "		1.20
Kaffir Corn, White		.75
" Red		.90
Yellow Milo Maize		1.25
Mammoth Russian Sunflower		5.00
Dwarf Essex Rape		4.00

ONION SETS

FOR FEBRUARY SHIPMENT.

Yellow Bottom	per bu.	\$ 1.75
Red Bottom		2.00
White Bottom		2.25
SEED CORN		
Kansas Beauty		\$.80
Reids Ey Yellow Dent		.80
Mortgage Lifter		.80
Iowa Goldmine		.80
Expansion		1.00
Golden Surprise		1.00
Champ, White Pearl		.80
Iowa Silver Mine		.80

TREE SEEDS

Catalpa, Speciosa	per lbs.	\$.50
Russian Mulberry		.75
" Apricot Pits		.05
Box Elder		.20
Black Locust		.20
Honey Locust		.20
White Ash		.15

We Carry a Complete Line of Bulk Garden Seed, the best that grows. Ask for Wholesale List.

BERG & SMALLEY

—white flowers.

PALMS.

We have an extra fine lot of Palms, including the Areca Lutesuns, Kenteas, Latania, Borbonica and many others. 50c to \$1.50 each.

HARDY SHRUBS, PLANTS AND VINES.

ALTHEA.—Rose of Sharon.

Very showy and beautiful, blooms freely during August and September. Double rose, double white and double variegated. 25c each.

WINTER BLOOMING BULBS.

The bulbs we offer are of the highest grade.

HYACINTHS.

Culture—For forcing, plant in four inch pots in good rich sandy loam just covering bulb. Place in a cool, dark place from four to six weeks, then bring to light. For out of door planting plant in soil four to six inches deep any time before the 15th of December.

Single and double all colors named 10c each.

Roman Hyacinths—For home culture, 5c each; 50c a dozen.

Tulips—Fine mixture. 25c a dozen.

Freesias—Strong bulbs. 25c a dozen.

Chinese Sacred Lilies—10c each.

Crocus—White, blue, striped and yellow. 15c a dozen.

Narcissus—Assorted. 5c each.

Easter Lillies—Dry bulbs. 15c to 25c each.

Calla Lily—Dry bulbs. 15c to 25c each.

HYDRANGIA.—Paniculata Granda-Flora

Probably the most popular of all shrubs. Blooms in August and September, when we have few shrubs in bloom. Flowers white borne in panicles often a foot long. 25c to 40c each.

Syringa—Mock Orange—Blooms April and May. 25c each.

Spirea A. Waterer—Crimson, blooms from spring till late fall, grows from 15 to 18 inches high. 25c each.



Spirea Van Hontii—A complete fountain of white blooms. 25c each.

Snowball—Common—Flowers pure white, 15c each.

Baby Primrose—The smallest flowered of all Primroses, blooms the whole year, with large trusses of rosy-lilac flowers. 10c each.

Snowball—Japan—Branches completely covered with white bloom from June to August. 50c each.

Paeonies—White, pink, red and maroon. 25c each.

Honeysuckle—(Chinese)—Blooms the entire summer. Flowers nearly white, sweet scented. 10c each.

Honeysuckle—(Halleana)—White changing to yellow, 10c each.

Honeysuckle—(Scarlet Trumpet)—Bright red flowers, 10c each.

Clematis—(Paniculata)—Vine covered with white star-shaped flowers. One year old plants 15c; two year old, 25c each.

Clematis—(Jackmani)—Flowers four to six inches across, intense violet purple, blooms from July to frosts. 50c each.

Violets—In single and double white and blue. 10c each.

SUMMER BLOOMING BULBS.

Dahlias—Very showy plants in the following colors; white, red, maroon, yellow and variegated. 10c each.

Gladiolus—Produces large spikes of beautiful blooms. 30c per doz.

Tube Roses—(Perle)—Best double white, 5c each; 50c per doz.

Maderia Roots—A rapid growing vine. 5c each; 50c per doz.

Pansy Plants—From selected seed. 30c a dozen.



CUT FLOWERS.

We make a specialty of growing cut flowers for all occasions. We guarantee satisfaction and at the lowest prices. Bouquets for funerals, weddings, etc., made to order.

All orders given prompt attention. All orders for cut flowers, funeral designs, bouquets should be sent to,

**CHAS. A. SIMONSON, Florist,
McPHERSON, KANSAS.**



1906

Garden and Field Seed Annual

BERG & SMALLEY,

McPherson, Kansas